

GenCore version 5.1.6  
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M protein - protein search, using sw model

Run on: June 15, 2004, 07:40:02 ; Search time 33 Seconds  
(without alignments)  
941.511 Million cell updates/sec

Title: US-09-978-299A-330  
Perfect score: 1694  
Sequence: 1 MAAPKSLWVQTGLPPLL.....EDHEAGPLTKVNLASRI 323

Scoring table: BLOSUM62  
Gapop 10.0 , Gapext 0.5

Searched: 283366 seqs, 96191526 residues

Total number of hits satisfying chosen parameters: 0

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%  
Maximum Match 100%  
Listing first 65000 summaries

Database : PIR 78:\*  
1: Pirl:\*  
2: Pirl:\*  
3: Pirl:\*  
4: Pirl:\*

pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
-----					

No matches found

Search completed: June 15, 2004, 08:09:55  
Job time : 35 secs

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M protein - protein search, using sw model

un on: June 15, 2004, 06:14:57 ; Search time 22 Seconds  
(without alignments)  
764.485 Million cell updates/sec

title: US-09-978-299a-330

effect score: 1694

sequence: 1 MAAPKSLWRTQLGLPPLL.....EDHEEAGLPVTKVLAHSEI 323

coreg table: BLOSUM62

Gapop 10.0 , Gapext 0.5

searched: 141681 seqs, 52070155 residues

total number of hits satisfying chosen parameters: 2

minimum DB seq length: 0

maximum DB seq length: 2000000000

post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

database : SwissProt\_42.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

result No.	Score	Query Match	Length	DB ID	Description
1	1694	100.0	323	1 CA08_HUMAN	Q9bxs4 homo sapien
2	1611	95.1	323	1 CA08_MOUSE	Q9qy73 mus musculus

#### ALIGNMENTS

RESULT 1  
CA08\_HUMAN  
D -CA08\_HUMAN STANDARD; PRT; 323 AA.  
C Q9BXS4; 075393;  
T 16-OCT-2001 (Rel. 40, Created)  
T 16-OCT-2001 (Rel. 40, Last sequence update)  
T 10-OCT-2003 (Rel. 42, Last annotation update)  
T E Protein Clorf8 precursor (liver membrane-bound protein) (HSPC001).  
N Clorf8.  
N Homo sapiens (Human).  
N Eukaryota; Metazoa; Chordata; Vertebrata; Euteleostomi;  
N Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
N NCBI\_TaxID=9606;  
N [1]  
N SEQUENCE FROM N.A.  
N TISSUE=Petal liver;  
N Qu X., Zhang C., Zhai Y., Wu S., Yu Y., Wei H., Xing G., Lu C.,  
N Zhou G., Dong C., He F.;  
N "Homo sapiens liver membrane-bound protein mRNA";  
N Submitted (JUL-2000) to the EMBL/GenBank/DBJ databases.  
N [2]  
N SEQUENCE FROM N.A.  
N TISSUE=Blood;  
N MEDLINE=20499367; PubMed=11042152;  
N Zhang Q.-H., Ye M., Wu X.-Y., Ren S.-X., Zhao M., Zhao C.-J., Fu G.,  
N Shen Y., Fan H.-Y., Lu G., Zhong M., Xu X.-R., Han Z.-G., Zhang J.-W.,

Tao J., Huang Q.-H., Zhou J., Hu G.-X., Gu J., Chen S.-J., Chen Z.;  
"Cloning and functional analysis of cDNAs with open reading frames for  
300 previously undefined genes expressed in CD34+ hematopoietic  
stem/progenitor cells";  
Genome Res. 10:1546-1560(2000).

FN [3]  
RP SEQUENCE FROM N.A.

RC TISSUE=Brain;  
RX MEDLINE=22388257; PubMed=12477932;  
RA Strausberg R.L., Feingold E.A., Grouse L.H., Derge J.G.,  
RA Klausner R.D., Collins F.S., Wagner L., Schaefer C.F., Bhat N.K.,  
RA Altschul S.F., Zeeberg B., Buetow K.H., Schenker C.F., Hsieh F.,  
RA Hopkins R.F., Jordan H., Moore T., Max S.I., Wang J., Hsieh F.,  
RA Diatchenko L., Marusina K., Farmer A.A., Rubin G.M., Hong L.,  
RA Stapleton M., Soares M.B., Bonaldo M.F., Casavant T.B., Scheetz T.E.,  
RA Brownstein M.J., Usdin T.B., Toshiyuki S., Carninci P., Prange C.,  
RA Raha S.S., Loquellano N.A., Peters G.J., Abramson R.D., Mullaby S.J.,  
RA Bosak S.A., McEwan P.J., McKernan K.J., Malek J.A., Gunaratne P.H.,  
RA Richards S., Worley K.C., Hale S., Garcia A.M., Gay L.J., Hulyk S.W.,  
RA Villalon D.K., Muzny D.M., Sodergren E.J., Lu X., Gibbs R.A.,  
RA Fahey J., Helton E., Kettman M., Madan A., Rodriguez S., Sanchez A.,  
RA Whiting M., Madan A., Young A.C., Shevchenko Y., Bouffard G.G.,  
RA Blakesley R.W., Touchman J.W., Green E.D., Dickson M.C.,  
RA Rodriguez A.C., Grimwood J., Schmutz J., Myers R.M.,  
RA Butterfield Y.S.N., Krzywinski M.I., Skalska U., Smailus D.E.,  
RA Schnerch A., Schein J.E., Jones S.J.M., Marra M.A.;  
"Generation and initial analysis of more than 15,000 full-length  
human and mouse cDNA sequences";  
Proc. Natl. Acad. Sci. U.S.A. 99:16899-16903(2002).  
RL -!- SUBCELLULAR LOCATION: Type I membrane protein (Potential).  
CC -!- SIMILARITY: Belongs to the BSMAP family.  
CC -!- CAUTION: Ref.2 sequence differs from that shown due to a  
frame shift in position 6.

CC This SWISS-PROT entry is copyright. It is produced through a collaboration  
between the Swiss Institute of Bioinformatics and the EMBL outstation -  
the European Bioinformatics Institute. There are no restrictions on its  
use by non-profit institutions as long as its content is in no way  
modified and this statement is not removed. Usage by and for commercial  
entities requires a license agreement (see <http://www.isb-sib.ch/announce/>)  
or send an email to [license@isb-sib.ch](mailto:license@isb-sib.ch).

DR EMBL; AF290615; AA028026.1; -;  
DR EMBL; AF047439; AAC39890.1; ALT\_INIT.  
DR EMBL; BC001495; AA01495.1; -;  
DR EMBL; BC003106; AA03106.1; ALT\_INIT.  
DR Genew; HGNC:1239; Clorf8.  
KW SIGNAL; Transmembrane.  
FT SIGNAL 1 35  
FT CHAIN 36 323  
FT DOMAIN 36 239  
FT TRANSMEM 240 262  
FT DOMAIN 263 323  
FT CARBOHYD 90  
SQ SEQUENCE 323 AA; 36223 MW; 0926AB7D12D1B902 CRC64;  
POTENTIAL.  
PROTEIN Clorf8.  
EXTRACELLULAR (POTENTIAL).  
POTENTIAL.  
CYTOPLASMIC (POTENTIAL).  
N-LINKED (GLCNAC...) (POTENTIAL).

Query Match 100.0%; Score 1694; DB 1; Length 323;  
Best Local Similarity 100.0%; Pred. No. 8.7e-147;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQLGLPPLLTLWALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKSLWRTQLGLPPLLTLWALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKSEELYACQGRCLFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCNQ 120  
DB 61 YPKSEELYACQGRCLFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCNQ 120  
QY 121 LPFAELRQELMSLMPKRWELLFPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKRWELLFPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHEOEPTNLRSSLSKMSYIQMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240



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PM protein - protein search, using sw model

run on: June 15, 2004, 06:12:52 ; Search time 88 Seconds  
(without alignments)  
1037.078 Million cell updates/sec

title: US-09-978-299A-330

perfect score: 1594

sequence: 1 MAAFKSLWRTQGLPPLL.....EDHERAGPLTKVNLHSEI 323

coring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

searched: 1586107 seqs, 282547505 residues

total number of hits satisfying chosen parameters: 203

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

database :

A\_Geneseq\_29Jan04:\*

1: Geneseq1980s:\*

2: Geneseq1990s:\*

3: Geneseq2000s:\*

4: Geneseq2001s:\*

5: Geneseq2002s:\*

6: Geneseq2003as:\*

7: Geneseq2003bs:\*

8: Geneseq2004s:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

result No.	Score	Query Match	Length	DB ID	Description
1	1694	100.0	323	2	AAY1733 Human PRO
2	1694	100.0	323	3	AAY57939 Human tra
3	1694	100.0	323	3	AAB44289 Human PRO
4	1694	100.0	323	3	AAB24394 Human PRO
5	1694	100.0	323	3	AAY78804 Hydrophob
6	1694	100.0	323	4	AAM93600 Human pol
7	1694	100.0	323	4	AAIL2307 Human PRO
8	1694	100.0	323	4	AAB53073 Human ang
9	1694	100.0	323	4	AAB88428 Human mem
10	1694	100.0	323	5	ABB84820 Human PRO
11	1694	100.0	323	5	ABB95426 Human ang
12	1694	100.0	323	6	ABOI17751 Novel hum
13	1694	100.0	323	6	ABOI17751 Novel hum
14	1694	100.0	323	6	ABU81005 Human PRO
15	1694	100.0	323	6	ABU72241 Novel hum
16	1694	100.0	323	6	ABU6705 Human PRO
17	1694	100.0	323	6	ABU84921 Human sec
18	1694	100.0	323	6	ABU59786 Novel sec
19	1694	100.0	323	6	ABU61119 Human PRO
20	1694	100.0	323	6	ABO24976 Human PRO
21	1694	100.0	323	6	ABU80388 Human sec
22	1694	100.0	323	6	ABU65981 Human sec
23	1694	100.0	323	6	ADA45791 Novel hum
24	1694	100.0	323	6	ADA76222 Human PRO
25	1694	100.0	323	6	ADA18872 Human PRO

26	1694	100.0	323	6	ADA61495	Ada61495 Homo sapi
27	1694	100.0	323	6	ADB19280	Adb19280 Novel hum
28	1694	100.0	323	6	ADB27821	Adb27821 Human PRO
29	1694	100.0	323	6	ADA86300	Ada86300 Novel hum
30	1694	100.0	323	6	ADB15864	Adb15864 Human PRO
31	1694	100.0	323	6	ADA47650	Ada47650 Human PRO
32	1694	100.0	323	6	ADA67445	Ada67445 Human PRO
33	1694	100.0	323	6	ADB30452	Adb30452 Human PRO
34	1694	100.0	323	6	ADA85748	Ada85748 Novel hum
35	1694	100.0	323	6	ADA96960	Ada96960 Human PRO
36	1694	100.0	323	6	ADA79264	Ada79264 Human PRO
37	1694	100.0	323	6	ADA87403	Ada87403 Novel hum
38	1694	100.0	323	6	ADB16605	Adb16605 Human PRO
39	1694	100.0	323	6	ADA91697	Ada91697 Novel hum
40	1694	100.0	323	6	ADB14760	Adb14760 Human PRO
41	1694	100.0	323	6	ADA24869	Ada24869 Novel hum
42	1694	100.0	323	6	ADB18721	Adb18721 Novel hum
43	1694	100.0	323	6	ADA93936	Ada93936 Human PRO
44	1694	100.0	323	6	ADB19832	Adb19832 Novel hum
45	1694	100.0	323	6	ADB13144	Adb13144 Human PRO
46	1694	100.0	323	6	ABO43284	AbO43284 Novel hum
47	1694	100.0	323	6	ABO19690	AbO19690 Novel hum
48	1694	100.0	323	6	ADA12530	Ada12530 Human sec
49	1694	100.0	323	6	ADA74398	Ada74398 Human PRO
50	1694	100.0	323	6	ADB24631	Adb24631 Human PRO
51	1694	100.0	323	6	ADA82155	Ada82155 Human PRO
52	1694	100.0	323	6	ADA75118	Ada75118 Human PRO
53	1694	100.0	323	6	ADA85196	Ada85196 Novel hum
54	1694	100.0	323	6	ADA84644	Ada84644 Novel hum
55	1694	100.0	323	6	ADB23900	Adb23900 Human PRO
56	1694	100.0	323	6	ADA80428	Ada80428 Human PRO
57	1694	100.0	323	6	ADA75670	Ada75670 Human PRO
58	1694	100.0	323	6	ADA46895	Ada46895 Human PRO
59	1694	100.0	323	6	ADB25191	Adb25191 Human PRO
60	1694	100.0	323	6	ADA93367	Ada93367 Human PRO
61	1694	100.0	323	6	ADB26717	Adb26717 Human PRO
62	1694	100.0	323	6	ADB31004	Adb31004 Human PRO
63	1694	100.0	323	6	ADA60932	Ada60932 Homo sapi
64	1694	100.0	323	6	ADB24079	Adb24079 Human PRO
65	1694	100.0	323	6	ADA96408	Ada96408 Human PRO
66	1694	100.0	323	6	ADA80980	Ada80980 Human PRO
67	1694	100.0	323	6	ADA95856	Ada95856 Human PRO
68	1694	100.0	323	6	ADB26165	Adb26165 Human PRO
69	1694	100.0	323	6	ADB21650	Adb21650 Novel hum
70	1694	100.0	323	6	ABOI19581	AbOI19581 Novel hum
71	1694	100.0	323	7	ADA77429	Ada77429 Human PRO
72	1694	100.0	323	7	ADB18169	Adb18169 Human PRO
73	1694	100.0	323	7	ADA86852	Ada86852 Novel hum
74	1694	100.0	323	7	ADA87955	Ada87955 Novel hum
75	1694	100.0	323	7	ADA46343	Ada46343 Novel hum
76	1694	100.0	323	7	ADB28373	Adb28373 Human PRO
77	1694	100.0	323	7	ADB28925	Adb28925 Human PRO
78	1694	100.0	323	7	ADA76877	Ada76877 Human PRO
79	1694	100.0	323	7	ADA88507	Ada88507 Novel hum
80	1694	100.0	323	7	ADA97512	Ada97512 Human PRO
81	1694	100.0	323	7	ADB27269	Adb27269 Human PRO
82	1694	100.0	323	7	ADB22202	Adb22202 Novel hum
83	1694	100.0	323	7	ADA66893	Ada66893 Human PRO
84	1694	100.0	323	7	ADB22754	Adb22754 Human PRO
85	1694	100.0	323	7	ADA92249	Ada92249 Novel hum
86	1694	100.0	323	7	ADB15312	Adb15312 Human PRO
87	1694	100.0	323	7	ADB38564	Adb38564 Novel hum
88	1694	100.0	323	7	ADB38012	Adb38012 Novel hum
89	1694	100.0	323	7	ADB66484	Adb66484 Novel hum
90	1694	100.0	323	7	ADB89564	Adb89564 Human PRO
91	1694	100.0	323	7	ADB90296	Adb90296 Human PRO
92	1694	100.0	323	7	ADB39397	Adb39397 Novel hum
93	1694	100.0	323	7	ADB73836	Adb73836 Human PRO
94	1694	100.0	323	7	ADB47020	Adb47020 Novel hum
95	1694	100.0	323	7	ADB86627	Adb86627 Human PRO
96	1694	100.0	323	7	ADB76552	Adb76552 Human PRO
97	1694	100.0	323	7	ADB77232	Adb77232 Novel hum
98	1694	100.0	323	7	ADB77232	Adb77232 Novel hum

99	1694	100.0	323	7	ADB34389	Human PRO	172	1694	100.0	323	7	ADE43022	Human PRO
100	1694	100.0	323	7	ADB35493	Human PRO	173	1694	100.0	323	7	ADD95811	Human PRO
101	1694	100.0	323	7	ADB33837	Human PRO	174	1694	100.0	323	7	ADE22697	Human PRO
102	1694	100.0	323	7	ADB34941	Human PRO	175	1694	100.0	323	7	ADD78815	Human PRO
103	1694	100.0	323	7	ADB36045	Human PRO	176	1694	100.0	323	7	ADE32765	Novel hum
104	1694	100.0	323	7	ADB46440	Novel hum	177	1694	100.0	323	7	ADE42457	Human PRO
105	1694	100.0	323	7	ADB37345	Nuclear f	178	1694	100.0	323	7	ADE17156	Human sec
106	1694	100.0	323	7	ADB43978	Human sec	179	1694	100.0	323	7	ADD80473	Human PRO
107	1694	100.0	323	7	ADB61738	Human sec	180	1694	100.0	323	7	ADD89501	Human PRO
108	1694	100.0	323	7	ADB63702	Human sec	181	1694	100.0	323	7	ADE40785	Human PRO
109	1694	100.0	323	7	ADB66802	Human sec	182	1694	100.0	323	7	ADE04584	Human PRO
110	1694	100.0	323	7	ADB68926	Human sec	183	1694	100.0	323	8	ADC81009	Novel hum
111	1694	100.0	323	7	ADB62986	Human sec	184	1694	100.0	323	8	ADD76457	Human PRO
112	1694	100.0	323	7	ADB68051	Human sec	185	1694	100.0	323	8	ADD87821	Human PRO
113	1694	100.0	323	7	ADB41371	Human sec	186	1694	100.0	323	8	ADD86225	Human PRO
114	1694	100.0	323	7	ADB67426	Human sec	187	1694	100.0	323	8	ADD75673	Human sec
115	1694	100.0	323	7	ADB62362	Human sec	188	1694	100.0	323	8	ADE48664	Human sec
116	1694	100.0	323	7	ADB41195	Human sec	189	1694	100.0	323	8	ADE41258	Human PRO
117	1694	100.0	323	7	ADC50313	Novel hum	190	1694	100.0	323	8	ADE23249	Human PRO
118	1694	100.0	323	7	ADC71860	Novel hum	191	1694	100.0	323	8	ADE23801	Human PRO
119	1694	100.0	323	7	ADC59839	Novel hum	192	1694	100.0	323	8	ADE24444	Human PRO
120	1694	100.0	323	7	ADC52846	Novel hum	193	1694	100.0	323	8	ADD87269	Human PRO
121	1694	100.0	323	7	ADC57200	Novel hum	194	1694	100.0	323	8	ADD89135	Human PRO
122	1694	100.0	323	7	ADC60391	Novel hum	195	1694	100.0	323	8	ADD89135	Human PRO
123	1694	100.0	323	7	ADC50866	Novel hum	196	1694	100.0	323	8	ADD88583	Human sec
124	1694	100.0	323	7	ADC65393	Human PRO	197	1694	100.0	323	8	ADD89765	Human sec
125	1694	100.0	323	7	ADC54491	Novel hum	198	1674.5	98.8	324	2	AAV02282	Secreted
126	1694	100.0	323	7	ADC53452	Novel hum	199	1674.5	98.8	324	2	ADA45143	Human pol
127	1694	100.0	323	7	ADC58975	Novel hum	200	1674.5	98.8	324	7	ADC37347	Nuclear f
128	1694	100.0	323	7	ADC55853	Novel hum	201	1611	95.1	323	7	ADC37343	Nuclear f
129	1694	100.0	323	7	ADC58423	Novel hum	202	1576	93.0	300	2	AAV17299	Human CBC
130	1694	100.0	323	7	ADC03097	Novel hum	203	1576	93.0	300	6	ABP71501	Amino aci
131	1694	100.0	323	7	ADC90089	Novel hum							
132	1694	100.0	323	7	ADC69508	Human PRO							
133	1694	100.0	323	7	ADC48397	Human PRO							
134	1694	100.0	323	7	ADC09326	Human PRO							
135	1694	100.0	323	7	ADC04501	Novel hum							
136	1694	100.0	323	7	ADC80457	Novel hum							
137	1694	100.0	323	7	ADD10964	Human PRO							
138	1694	100.0	323	7	ADD10297	Human sec							
139	1694	100.0	323	7	ADC47845	Human PRO							
140	1694	100.0	323	7	ADC79905	Novel hum							
141	1694	100.0	323	7	ADD11257	Human sec							
142	1694	100.0	323	7	ADD09374	Human PRO							
143	1694	100.0	323	7	ADD41087	Novel hum							
144	1694	100.0	323	7	ADD52226	Human PRO							
145	1694	100.0	323	7	ADD52966	Human PRO							
146	1694	100.0	323	7	ADD53518	Novel hum							
147	1694	100.0	323	7	ADD37050	Human sec							
148	1694	100.0	323	7	ADD51674	Human PRO							
149	1694	100.0	323	7	ADD02473	Human PRO							
150	1694	100.0	323	7	ADD01907	Human PRO							
151	1694	100.0	323	7	ADD54089	Novel hum							
152	1694	100.0	323	7	ADD49364	Human sec							
153	1694	100.0	323	7	ADD92406	Human PRO							
154	1694	100.0	323	7	ADD91302	Human PRO							
155	1694	100.0	323	7	ADB39316	Human PRO							
156	1694	100.0	323	7	ADB32213	Novel hum							
157	1694	100.0	323	7	ADB22145	Human PRO							
158	1694	100.0	323	7	ADD79369	Human PRO							
159	1694	100.0	323	7	ADB35418	Human sec							
160	1694	100.0	323	7	ADB16532	Human sec							
161	1694	100.0	323	7	ADB73147	Human sec							
162	1694	100.0	323	7	ADB41905	Human PRO							
163	1694	100.0	323	7	ADB17722	Human PRO							
164	1694	100.0	323	7	ADD91854	Human PRO							
165	1694	100.0	323	7	ADB33317	Novel hum							
166	1694	100.0	323	7	ADB33869	Novel hum							
167	1694	100.0	323	7	ADD79921	Human PRO							
168	1694	100.0	323	7	ADD92958	Human PRO							
169	1694	100.0	323	7	ADB72505	Human sec							
170	1694	100.0	323	7	ADB19378	Human PRO							
171	1694	100.0	323	7	ADB18826	Human PRO							

ALIGNMENTS

RESULT 1	AA41733	AA41733 standard; protein; 323 AA.
XX	AC	AA41733;
XX	AC	AA41733;
XX	AC	AA41733;
DT	07-DEC-1999	(first entry)
XX	Human PRO195	protein sequence.
DE	Human PRO195	protein sequence.
XX	Human; PRO; EST; expressed sequence tag; PCR primer; hybridisation;	
KW	probe; blood coagulation disorder; cancer; cellular adhesion disorder;	
KW	secreted protein; transmembrane protein.	
XX	Homo sapiens.	
OS	Homo sapiens.	
XX	WO9946281-A2.	
FN	16-SEP-1999.	
PD	16-SEP-1999.	
XX	99WO-US005028.	
PF	08-MAR-1999;	
XX	98US-0077450P.	
XX	98US-0077632P.	
PR	10-MAR-1998;	
PR	98US-0077641P.	
PR	11-MAR-1998;	
PR	98US-0077649P.	
PR	11-MAR-1998;	
PR	98US-0077791P.	
PR	13-MAR-1998;	
PR	98US-0078004P.	
PR	17-MAR-1998;	
PR	98US-00040220.	
PR	20-MAR-1998;	
PR	98US-0078866P.	
PR	20-MAR-1998;	
PR	98US-0078936P.	
PR	20-MAR-1998;	
PR	98US-0078939P.	
PR	25-MAR-1998;	
PR	98US-0079294P.	
PR	26-MAR-1998;	
PR	98US-0079656P.	
PR	27-MAR-1998;	
PR	98US-0079663P.	

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R 27-MAR-1998; 98US-0079664P.
R 27-MAR-1998; 98US-0079689P.
R 27-MAR-1998; 98US-0079728P.
R 27-MAR-1998; 98US-0079786P.
R 30-MAR-1998; 98US-0079920P.
R 30-MAR-1998; 98US-0079923P.
R 31-MAR-1998; 98US-0080105P.
R 31-MAR-1998; 98US-0080107P.
R 31-MAR-1998; 98US-0080165P.
R 31-MAR-1998; 98US-0080194P.
R 01-APR-1998; 98US-0080227P.
R 01-APR-1998; 98US-0080328P.
R 01-APR-1998; 98US-0080333P.
R 01-APR-1998; 98US-0080334P.
R 08-APR-1998; 98US-0081049P.
R 08-APR-1998; 98US-0081070P.
R 08-APR-1998; 98US-0081071P.
R 08-APR-1998; 98US-0081195P.
R 09-APR-1998; 98US-0081203P.
R 09-APR-1998; 98US-0081209P.
R 15-APR-1998; 98US-0081817P.
R 15-APR-1998; 98US-0081838P.
R 15-APR-1998; 98US-0081952P.
R 15-APR-1998; 98US-0081955P.
R 21-APR-1998; 98US-0082568P.
R 21-APR-1998; 98US-0082569P.
R 22-APR-1998; 98US-0082700P.
R 22-APR-1998; 98US-0082704P.
R 22-APR-1998; 98US-0082804P.
R 23-APR-1998; 98US-0082767P.
R 23-APR-1998; 98US-0082796P.
R 27-APR-1998; 98US-0083356P.
R 28-APR-1998; 98US-0083352P.
R 28-APR-1998; 98US-0083352P.
R 29-APR-1998; 98US-0083495P.
R 29-APR-1998; 98US-0083496P.
R 29-APR-1998; 98US-0083499P.
R 29-APR-1998; 98US-0083500P.
R 29-APR-1998; 98US-0083545P.
R 29-APR-1998; 98US-0083554P.
R 29-APR-1998; 98US-0083558P.
R 29-APR-1998; 98US-0083559P.
R 30-APR-1998; 98US-0083742P.
R 05-MAY-1998; 98US-0084366P.
R 06-MAY-1998; 98US-0084414P.
R 06-MAY-1998; 98US-0084441P.
R 07-MAY-1998; 98US-0084598P.
R 07-MAY-1998; 98US-0084600P.
R 07-MAY-1998; 98US-0084637P.
R 07-MAY-1998; 98US-0084637P.
R 07-MAY-1998; 98US-0084639P.
R 07-MAY-1998; 98US-0084640P.
R 07-MAY-1998; 98US-0084643P.
R 13-MAY-1998; 98US-0085323P.
R 13-MAY-1998; 98US-0085338P.
R 13-MAY-1998; 98US-0085339P.
R 15-MAY-1998; 98US-0085573P.
R 15-MAY-1998; 98US-0085579P.
R 15-MAY-1998; 98US-0085580P.
R 15-MAY-1998; 98US-0085582P.
R 15-MAY-1998; 98US-0085689P.
R 15-MAY-1998; 98US-0085697P.
R 15-MAY-1998; 98US-0085700P.
R 15-MAY-1998; 98US-0085704P.
R 18-MAY-1998; 98US-0086023P.
R 22-MAY-1998; 98US-0086392P.
R 22-MAY-1998; 98US-0086444P.
R 22-MAY-1998; 98US-0086430P.
R 22-MAY-1998; 98US-0086466P.
R 28-MAY-1998; 98US-0087098P.
R 28-MAY-1998; 98US-0087106P.
R 28-MAY-1998; 98US-0087208P.
R 30-JUL-1998; 98US-0094651P.

PR 11-SEP-1998; 98US-0100038P.
XX (GETH ) GENENTECH INC.
XX Wood WI, Goddard A, Gurney A, Yuan J, Baker KP, Chen J;
XX WPI; 1999-551358/46.
XX N-PSDB; AA234171.
XX New secreted and transmembrane polypeptides and their polynucleotides,
XX useful for treating blood coagulation disorders, cancers and cellular
XX adhesion disorders.
XX Claim 12; Fig 132; 530pp; English.
XX The present invention describes secreted and transmembrane polypeptides
XX and their polynucleotides. The nucleotide sequences are useful as sources
XX of probes, primers, for chromosome mapping, and for generation of
XX antisense sequences. They can also be used to create transgenic animals.
XX The proteins can be used to treat a variety of diseases and disorders,
XX depending on their function. Diseases that may be treated include blood
XX coagulation disorders, cancers and cellular adhesion disorders. They may
XX also be used to raise antibodies. AA233891 to AA234338, and AA41685 to
XX AA41774 represent polynucleotide and polypeptide sequence given in the
XX exemplification of the present invention
XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 2; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTOLGLPPLILLTALAGSGTASAFDSVLGDTASCHACOLTYPLHT 60
DB 1 MAAPKGLWRTOLGLPPLILLTALAGSGTASAFDSVLGDTASCHACOLTYPLHT 60
QY 61 YPKEELIYACQRCGLFSLICQFVDDGIDILNRTKLECEACTEAYSQSDEQYACHLCQ 120
DB 61 YPKEELIYACQRCGLFSLICQFVDDGIDILNRTKLECEACTEAYSQSDEQYACHLCQ 120
QY 121 LPFAELRQELMSLMPKXHLPLTLVRSFWSMDMSAQSPFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKXHLPLTLVRSFWSMDMSAQSPFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHELEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDGFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHELEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDGFLRCLSLNSGW 240
QY 241 ILTTVLVSNVLLWICCATVATAVEQYVSEKLSIYGDLEPWEOKLNRYPASSLVVVR 300
DB 241 ILTTVLVSNVLLWICCATVATAVEQYVSEKLSIYGDLEPWEOKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLTKVLAHSEI 323
DB 301 SKTEDEHEAGPLTKVLAHSEI 323

RESULT 2
AAV57939
ID AAV57939 standard; protein; 323 AA.
XX
XX AAV57939;
XX
XX 23-MAR-2000 (first entry)
XX Human transmembrane protein HTMPN-63.
XX Human; transmembrane protein; HTMPN; diagnosis; immunospecific;
XX antiproliferative; neuroprotective; immune disorder;
XX reproductiv disorder; smooth muscle disorder; neurological disorder;
XX gastrointestinal disorder; developmental disorder;
XX cell proliferative disorder.
XX

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OS Homo sapiens.
XX
XX WO9961471-A2.
XX
PD 02-DEC-1999.
XX
XX 28-MAY-1999; 99WO-US011904.
XX
XX 29-MAY-1998; 98US-0087260P.
XX 02-JUL-1998; 98US-0091674P.
XX 02-OCT-1998; 98US-0102954P.
XX 24-NOV-1998; 98US-0109869P.
XX
XX (INCY-) INCYTE PHARM INC.
XX
XX Tang YT, Ial P, Hillman JL, Yue H, Guegler KJ, Corley NC;
XX Bandman O, Patterson C, Gorgone GA, Kaser MR, Baughn MR, Au-Young J;
XX
XX WPI: 2000-072605/06.
XX N-PSDB; AA256760.
XX
XX Proteins, polynucleotides, vectors, host cells and antibodies used to
XX diagnose, treat or prevent immune, reproductive, smooth muscle,
XX neurological, gastrointestinal, developmental and cell proliferative
XX disorders.
XX
XX Claim 1; Page 162-163; 229pp; English.
XX
XX AA256698 to AA256776 encode AAY57877 to AAY57955 which represent human
XX transmembrane proteins designated HTMPN-1 to HTMPN-79, respectively. The
XX transmembrane protein have immunospecific, antiproliferative and
XX neuroprotective activities. The human transmembrane proteins,
XX polynucleotides encoding them and other compositions and methods from the
XX present invention, can be used for the diagnosis, treatment or prevention
XX of immune, reproductive, smooth muscle, neurological, gastrointestinal,
XX developmental and cell proliferative disorders. The HTMPN's can be used
XX to treat or prevent disorders associated with a decreased expression or
XX activity of HTMPN
XX
XX Sequence 323 AA;
XX
XX Query Match 100.0%; Score 1694; DB 3; Length 323;
XX Best Local Similarity 100.0%; Pred. No. 5,5e-167;
XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 1 MAAPKGLWVRLTGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGLWVRLTGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKHEELYACQRCRLFSICQFVDDGIDILNRTKLECSACTRAYSQSDBOYACHLGCQMQ 120
DB 61 YPKHEELYACQRCRLFSICQFVDDGIDILNRTKLECSACTRAYSQSDBOYACHLGCQMQ 120
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRGFWDMDSAQSFITTSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKMLLPPLTLVRGFWDMDSAQSFITTSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOVQNSQAHNFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOVQNSQAHNFLEDGESDGFRLCLSLNSGW 240
QY 241 ILTTTIVLSVMVLLNTCCATVATVQYVPSEKLSYIGDLEFWNSOKLNRYPASSLVVVR 300
DB 241 ILTTTIVLSVMVLLNTCCATVATVQYVPSEKLSYIGDLEFWNSOKLNRYPASSLVVVR 300
QY 301 SKTEDEEAGPLPTKYNLAHSEI 323
DB 301 SKTEDEEAGPLPTKYNLAHSEI 323
RESULT 3
AAB44289
ID AAB44289 standard; protein; 323 AA.
```

```
XX AAB44289;
XX AC
XX DT 08-FEB-2001 (first entry)
XX
XX Human PRO195 (UNQ169) protein sequence SEQ ID NO:330.
XX
XX Human; secreted protein; transmembrane protein; PRO; EST; cytosstatic;
XX expressed sequence tag; detection; cancer.
XX
XX Homo sapiens.
XX
XX WO2000053756-A2.
XX
XX 14-SEP-2000.
XX
XX 18-FEB-2000; 2000WO-US004341.
XX
XX 08-MAR-1999; 99WO-US0050528.
XX 12-MAR-1999; 99US-0123957P.
XX 29-MAR-1999; 99US-0126773P.
XX 21-APR-1999; 99US-0130232P.
XX 28-APR-1999; 99US-0131445P.
XX 14-MAY-1999; 99US-0134287P.
XX 23-JUN-1999; 99US-0141037P.
XX 26-JUL-1999; 99US-0145698P.
XX 29-OCT-1999; 99US-0162506P.
XX 30-NOV-1999; 99WO-US028313.
XX 02-DEC-1999; 99WO-US028551.
XX 16-DEC-1999; 99WO-US028565.
XX 30-DEC-1999; 99WO-US030095.
XX 30-DEC-1999; 99WO-US031243.
XX 05-JAN-2000; 99WO-US031274.
XX 06-JAN-2000; 2000WO-US000219.
XX 06-JAN-2000; 2000WO-US000277.
XX 06-JAN-2000; 2000WO-US000376.
XX
XX (GETH ) GENENTECH INC.
XX
XX Aehkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
XX Goddard A, Godowski PJ, Grimaldi CJ, Gurney AL, Hillan KJ;
XX Kijavini IU, Kuo SS, Napier MA, Pan J, Paoni NP, Roy MA, Shelton DL;
XX Stewart TA, Tumas D, Williams PM, Wood WI;
XX
XX WPI: 2000-611443/58.
XX N-PSDB; AAC78540.
XX
XX Novel PRO polypeptides and polynucleotides used in detection methods, to
XX target bioactive molecules to specific cells, and to modulate cellular
XX activities.
XX
XX Claim 12; Fig 132; 636pp; English.
XX
XX AAC78458 to AAC78599 represent polynucleotide and EST (expressed sequence
XX tag) sequences which encode secreted or transmembrane PRO polypeptides.
XX The PRO polynucleotides and polypeptides have cytostatic activity. The
XX polynucleotides and polypeptides can be used for detecting the presence
XX of PRO polypeptides in samples, for linking bioactive molecules to cells
XX and for modulating biological activities of cells, using the polypeptides
XX for specific targeting. The polypeptide targeting can be used to kill the
XX target cells, e.g. for the treatment of cancers. The polypeptide pairs
XX provide specific targeting of bioactive molecules to cells. AAC78600 to
XX AAC78987 represent PCR primers and probes used in the isolation of the
XX PRO polynucleotide sequences
XX
XX Sequence 323 AA;
XX
XX Query Match 100.0%; Score 1694; DB 3; Length 323;
XX Best Local Similarity 100.0%; Pred. No. 5,5e-167;
XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
QY 1 MAAPKGLWVRLTGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
```

Db 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 2Y 61 YPKSEELVACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 Db 61 YPKSEELVACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 2Y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180  
 Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180  
 2Y 181 QSKPEIQVAPHLQEPTNLRSSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
 Db 181 QSKPEIQVAPHLQEPTNLRSSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
 2Y 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
 Db 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
 2Y 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

## RESULT 4

AA24394  
 ID AAB24394 standard; protein; 323 AA.  
 KC AAB24394;  
 KX  
 JT 07-NOV-2000 (first entry)  
 QX Human PRO195 protein sequence SEQ ID NO:31.  
 QX Human; PRO; promotion; inhibition; angiogenesis; cardiovascularisation;  
 QX diagnosis; trauma; wound; cancer; atherosclerosis; cardiac hypertrophy;  
 QX angiogenic; proliferative; cardiant; cardiovascular; antiatherosclerotic;  
 QX cytostatic; gene therapy; vaccine.  
 QS Homo sapiens.  
 QX WO2000032221-A2.  
 QX  
 PD 08-JUN-2000.  
 KX  
 KX 30-NOV-1999; 99WO-US028313.  
 KX 01-DEC-1998; 98WO-US025108.  
 PR 16-DEC-1998; 98US-0112850P.  
 PR 12-JAN-1999; 99US-0115554P.  
 PR 08-MAR-1999; 99WO-US005028.  
 PR 12-MAR-1999; 99US-0123957P.  
 PR 28-APR-1999; 99US-0131445P.  
 PR 14-MAY-1999; 99US-0134287P.  
 PR 02-JUN-1999; 99WO-US012252.  
 PR 23-JUN-1999; 99US-0141037P.  
 PR 20-JUL-1999; 99US-0144758P.  
 PR 26-JUL-1999; 99US-0145698P.  
 PR 01-SEP-1999; 99WO-US020111.  
 PR 08-SEP-1999; 99WO-US020594.  
 PR 13-SEP-1999; 99WO-US020944.  
 PR 15-SEP-1999; 99WO-US021090.  
 PR 15-SEP-1999; 99WO-US021547.  
 PR 05-OCT-1999; 99WO-US023089.  
 PR 29-OCT-1999; 99US-0162506P.  
 KX (GETH ) GENENTECH INC.  
 QX Ashkenazi AJ, Baker KP, Ferrara N, Gerber H, Hillan KJ;  
 QX Goddard A, Godowski PJ, Gurney AL, Klein RD, Kuo SS, Paoni WF;  
 QX Smith V, Watanabe CK, Williams PM, Wood WI;  
 QX WPI; 2000-412154/35.

DR N-PSDB; AAA77533.  
 XX Nucleic acids encoding PRO polypeptides useful for preventing, diagnosing  
 PT and treating diagnosing a cardiovascular, endothelial or angiogenic  
 PT disorders in mammals.  
 XX Claim 72; Fig 14; 315pp; English.

XX The present invention describes nucleic acids encoding PRO polypeptides  
 CC useful for preventing, diagnosing and treating diagnosing a  
 CC cardiovascular, endothelial or angiogenic disorder in mammals by  
 CC modulating cell proliferation, angiogenesis and cardiovascularisation,  
 CC and for identifying agonists and antagonists of these processes. The  
 CC nucleic acids and the proteins they encode may be used in the prevention,  
 CC treatment and diagnosis of diseases associated with inappropriate PRO  
 CC expression such as cardiovascular, endothelial or angiogenic disorders in  
 CC mammals (e.g. atherosclerosis, cancers and cardiac hypertrophy). For  
 CC example, the nucleic acids (NCs) and vectors containing them and the PRO  
 CC polypeptide may be used to treat disorders associated with decreased PRO  
 CC expression. AAA77510 to AAA77721 and AAB24388 to AAB24435 represent  
 CC nucleotide and protein sequences used in the exemplification of the  
 CC present invention  
 XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 3; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 Db 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 QY 61 YPKSEELVACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 Db 61 YPKSEELVACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180  
 Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180  
 QY 181 QSKPEIQVAPHLQEPTNLRSSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
 Db 181 QSKPEIQVAPHLQEPTNLRSSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
 Db 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
 QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

## RESULT 5

AAV78804  
 ID AAY78804 standard; protein; 323 AA.

XX AAY78804;  
 XX  
 XX 09-MAY-2000 (first entry)  
 XX Hydrophobic domain containing protein clone HPI0349 protein sequence.  
 XX Hydrophobic domain; clone HPI0349; nutritional supplement; SCID; HIV;  
 XX cell proliferation; immune stimulant; immune deficiency; tumour; pain;  
 XX rheumatoid arthritis; insulin dependent diabetes mellitus; fertility;  
 XX myasthenia gravis; haematopoiesis regulator; tissue growth; depression;  
 XX anti-inflammatory; infection; bodily characteristic.  
 OS Homo sapiens.  
 QX WO2000000506-A2.

XX 06-JAN-2000. 11TTTTLVLSVMVLLVCATVATVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
XX PD  
XX PF  
XX PF 18-JUN-1999; 99WO-JP003242.  
XX PF 26-JUN-1998; 98JP-00180008.  
XX PF (SAGA) SAGAMI CHEM RES CENT.  
XX PA (PROT-) PROTEGENE INC.  
XX PI Kato S, Kimura T;  
XX WPI; 2000-160665/14.  
XX N-PSDB; AA290041, AA290051.  
XX Novel human proteins having hydrophobic domains used for research and  
XX diagnostic purposes.  
XX Claim 1; Page 76-77; 117pp; English.  
XX This sequence represents the hydrophobic domain containing protein, clone  
XX HP10349 protein sequence. The sequence is isolated from a human stomach  
XX cancer cell line. The invention relates to human proteins with  
XX hydrophobic domains, the DNA and the cDNA encoding them. The  
XX polynucleotides and proteins are predicted to have biological activities  
XX which make them suitable for treating, preventing or ameliorating medical  
XX conditions in humans and animals. Suggested activities include  
XX nutritional activity (nutritional source or supplement); cytokine and  
XX cell proliferation/differentiation activity; immune stimulating (e.g. as  
XX vaccines) or suppressing activity (e.g. to treat various immune  
XX deficiencies) such as SCIPs or HIV, connective tissue disease, systemic  
XX lupus erythematosus, rheumatoid arthritis, autoimmune pulmonary  
XX inflammation, Guillain-Barre syndrome; autoimmune thyroiditis, insulin  
XX dependent diabetes mellitus, myasthenia gravis, graft-versus-host disease  
XX and autoimmune inflammatory eye disease, as well as asthma, allergies and  
XX organ transplantation; haematopoiesis regulating activity (e.g. in  
XX treatment of myeloid or lymphoid cell deficiencies); tissue growth  
XX activity (e.g. wound healing and tissue repair, ulcers, burns,  
XX periodontal disease); activin/inhibin activity; chemotactic/chemokinetic  
XX activity; haemostatic and thrombolytic activity (e.g. treating  
XX haemophilias); receptor/ligand activity; anti-inflammatory activity; and  
XX tumour inhibition activity. The polynucleotides are also stated to be  
XX useful for gene therapy. Other activities include inhibiting infections  
XX caused by bacteria, fungi, viruses and other parasites (e.g. Hepatitis,  
XX malaria); effecting bodily characteristics such as, e.g. weight, colour,  
XX skin, effecting biorhythms or cardiac cycles; enhancing fertility;  
XX treatment of depression; treatment of pain; hormonal or endocrine  
XX activity. The polynucleotides may also be used for recombinant expression  
XX of the protein  
XX  
XX SQ Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 3; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGLWVRVTLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGLWVRVTLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPPAELRQBLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
DB 121 LPPAELRQBLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQYAPHLEBOHTNLRSSLSKMSYLRNNSQAHNFLEDGESDGLACLSINSGW 240  
DB 181 QSKPEIQYAPHLEBOHTNLRSSLSKMSYLRNNSQAHNFLEDGESDGLACLSINSGW 240  
QY 241 ILTTTTLVLSVMVLLVCATVATVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

DB 241 ILTTTTLVLSVMVLLVCATVATVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
RESULT 6  
AAM93600  
ID AAM93600 standard; protein; 323 AA.  
XX AC AAM93600;  
XX DT 06-NOV-2001 (first entry)  
XX DE Human polypeptide, SEQ ID NO: 3412.  
XX KW Human; full length cDNA; cDNA synthesis; oligo-capping.  
XX OS Homo sapiens.  
XX PN EP1130094-A2.  
XX PD 05-SEP-2001.  
XX PF 07-JUL-2000; 2000EP-00114089.  
XX PR 08-JUL-1999; 99JP-00194486.  
XX PR 11-JAN-2000; 2000JP-00118774.  
XX PR 02-MAY-2000; 2000JP-00183765.  
XX PA (HELI-) HELIX RES INST.  
XX PI Ota T, Nishikawa T, Isogai T, Hayashi K, Ishii S, Kawai Y;  
XX PI Wakamatsu A, Sugiyama T, Nagai K, Kojima S, Otsuki T, Koga H;  
XX WPI; 2001-524255/58.  
XX N-PSDB; AAK94533.  
XX 830 Primers useful for synthesizing full length cDNA clones and their use  
XX in genetic manipulation.  
XX Claim 8; SEQ ID NO 3412; 1380pp + Sequence Listing; English.  
XX The invention relates to primers for synthesising full length cDNA  
XX clones. 830 cDNA molecules encoding a human protein have been isolated  
XX and nucleotide sequences of 5'- and 3'-ends of the cDNA molecules have  
XX been determined. Primers for synthesising the full length cDNA are useful  
XX for clarifying the function of the protein encoded by the cDNA. The full  
XX length clones were obtained by construction of full length enriched cDNA  
XX libraries that were synthesised by the oligo-capping method. The primers  
XX enable the production of the full length cDNA easily without any special  
XX methods. The present sequence is a polypeptide encoded by a full length  
XX human cDNA of the invention. Note: The sequence data for this patent did  
XX not form part of the printed specification, but was obtained in CD-ROM  
XX format directly from EPO  
XX SQ Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 4; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGLWVRVTLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGLWVRVTLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPPAELRQBLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

121 LPFAELRQELMSLPKQHLFPPLTLVRSFWSMDMSAQSFITSSMTFYLOADDGIKIVF 180  
181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLSGW 240  
181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLSGW 240  
241 ILTTTLVLSVWLLWICATVATAVEQVPSSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVWLLWICATVATAVEQVPSSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
301 SKTEDEEAGPLPTKVNLAHSEI 323  
301 SKTEDEEAGPLPTKVNLAHSEI 323

RESULT 7  
AAU12307  
ID AAU12307 standard; protein; 323 AA.  
XC  
XC AAU12307;  
XC  
XC 24-OCT-2001 (first entry)  
XC Human PRO195 polypeptide sequence.  
XC  
XC Human secretory and transmembrane; PRO; mammalian; cancer; lung; breast;  
XC prostate; cervical; tumour necrosis factor-alpha; TNF-alpha; cartilage;  
XC ear; proliferation; glucose; free fatty acid; skeletal muscle; adipocyte;  
XC A-peptide; factor VIIA; Gene therapy.  
XC  
XC Homo sapiens.  
XC  
XC WO200140466-A2.  
XC  
XC 07-JUN-2001.  
XC  
XC  
XC 01-DEC-2000; 2000WO-US032678.  
XC  
XC 01-DEC-1999; 99WO-US028301.  
XC 01-DEC-1999; 99WO-US028634.  
XC 02-DEC-1999; 99WO-US028551.  
XC 02-DEC-1999; 99WO-US028564.  
XC 02-DEC-1999; 99WO-US028565.  
XC 09-DEC-1999; 99US-0170262P.  
XC 16-DEC-1999; 99WO-US030095.  
XC 20-DEC-1999; 99WO-US030911.  
XC 20-DEC-1999; 99WO-US030999.  
XC 20-DEC-1999; 99WO-US031243.  
XC 30-DEC-1999; 99WO-US031274.  
XC 05-JAN-2000; 2000WO-US000219.  
XC 06-JAN-2000; 2000WO-US000277.  
XC 06-JAN-2000; 2000WO-US000376.  
XC 11-FEB-2000; 2000WO-US003565.  
XC 18-FEB-2000; 2000WO-US004341.  
XC 18-FEB-2000; 2000WO-US004342.  
XC 22-FEB-2000; 2000WO-US004414.  
XC 24-FEB-2000; 2000WO-US004914.  
XC 24-FEB-2000; 2000WO-US005004.  
XC 01-MAR-2000; 2000WO-US005601.  
XC 02-MAR-2000; 2000WO-US005841.  
XC 03-MAR-2000; 2000US-0187202P.  
XC 10-MAR-2000; 2000WO-US006319.  
XC 15-MAR-2000; 2000WO-US006884.  
XC 20-MAR-2000; 2000WO-US007377.  
XC 21-MAR-2000; 2000WO-US007532.  
XC 30-MAR-2000; 2000WO-US008439.  
XC 17-MAY-2000; 2000WO-US013705.  
XC 22-MAY-2000; 2000WO-US014042.  
XC 30-MAY-2000; 2000WO-US014941.  
XC 02-JUN-2000; 2000WO-US015264.  
XC 05-JUN-2000; 2000US-0209832P.  
XC 28-JUL-2000; 2000WO-US020710.

11-AUG-2000; 2000WO-US022031.  
23-AUG-2000; 2000WO-US023522.  
24-AUG-2000; 2000WO-US023328.  
08-NOV-2000; 2000WO-US030952.  
10-NOV-2000; 2000WO-US030973.  
XX (GETH ) GENENTECH INC.  
PA  
XX Baker KP, Baresini M, Deforge L, Deanoyers L, Filvaroff E, Gao W;  
FI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
XX WPI: 2001-408281/43.  
DR N-PSDB; AAS21379.  
DR  
XX  
XX Isolated , secretory and transmembrane PRO polypeptide used to detect  
FT other PRO polypeptides, link bioactive molecules to cells expressing PRO  
FT polypeptides, and detect the presence of mammalian tumors e.g. lung,  
FT breast, prostate, cervical.  
XX  
XX Claim 12; Fig 272; 813pp; English.  
XX  
XX AAU12172-AAU12446 represent novel human secretory and transmembrane PRO  
CC polypeptides. The PRO polypeptides are useful to detect other PRO  
CC polypeptides, to link bioactive molecules to cells expressing PRO  
CC polypeptides, to modulate biological activities of cells expressing PRO  
CC polypeptides, and to detect the presence of mammalian lung, colon,  
CC breast, prostate, rectal, cervical or liver tumours by comparing PRO  
CC polypeptide expression in a cell sample to that in a control sample. Some  
CC of the 275 sequences are also useful to stimulate the release of tumour  
CC necrosis factor-alpha (TNF-alpha) from human blood, the proliferation or  
CC differentiation of chondrocytes, the proliferation or gene expression in  
CC pericyte cells, the release of proteoglycans from cartilage, the  
CC proliferation of inner ear utricular supporting cells or of T-  
CC lymphocytes, the release of a cytokine from peripheral blood monocytes  
CC (PMCS), or the proliferation of endothelial cells. Some of the PRO  
CC polypeptides may modulate glucose or free fatty acid uptake by skeletal  
CC muscle cells or by adipocytes; or inhibit binding of A-peptide to factor  
CC VIIA. The PRO polypeptides can be used in assays to identify molecules  
CC involved in binding interactions. The polynucleotides encoding PRO  
CC polypeptides can be used to generate probes, antisense RNA/DNA,  
CC transgenic or knock out animals and can be used in gene therapy  
XX  
XX Sequence 323 AA;  
SQ  
Query Match 100.0%; Score 1694; DB 4; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.Se-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWVTRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSILWVTRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKHEELYACORGCLFISICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120  
DB 61 YPKHEELYACORGCLFISICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120  
QY 121 LPPAELRQELMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSMTFYLOADDGIKIVF 180  
DB 121 LPPAELRQELMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSMTFYLOADDGIKIVF 180  
QY 181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLSGW 240  
DB 181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLSGW 240  
QY 241 ILTTTLVLSVWLLWICATVATAVEQVPSSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLWICATVATAVEQVPSSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEEAGPLPTKVNLAHSEI 323

RESULT 8  
 AAB53073  
 ID AAB53073 standard; protein; 323 AA.  
 XX AC AAB53073;  
 XX DT 28-FEB-2001 (first entry)  
 XX DE Human angiogenesis-associated protein PRO195, SEQ ID NO:46.  
 XX KW Human; angiogenesis-associated protein; PRO; endothelial cell growth;  
 KW cardiac hypertrophy; cardiovascular disorder; endothelial disorder;  
 KW angiogenic disorder; atherosclerosis; osteoporosis; hypertension;  
 KW myocardial infarction; diabetic retinopathy; rheumatoid arthritis;  
 KW Crohn's disease; psoriasis; endometriosis; ulcer; wound healing; cancer;  
 KW Alzheimer's disease; Huntington's disease; stroke; drug screening;  
 KW gene therapy; transgenic animal.  
 XX OS Homo sapiens.  
 XX PN WO200053753-A2.  
 XX PD 14-SEP-2000.  
 XX PF 05-JAN-2000; 2000WO-US000219.  
 XX PR 08-MAR-1999; 99WO-US0005028.  
 PR 12-MAR-1999; 99US-0123957P.  
 PR 14-MAY-1999; 99US-0134287P.  
 PR 02-JUN-1999; 99WO-US012252.  
 PR 23-JUN-1999; 99US-0141037P.  
 PR 20-JUL-1999; 99US-0144758P.  
 PR 26-JUL-1999; 99US-0145698P.  
 PR 01-SEP-1999; 99WO-US020111.  
 PR 08-SEP-1999; 99WO-US020594.  
 PR 15-SEP-1999; 99WO-US021090.  
 PR 05-OCT-1999; 99WO-US021547.  
 PR 05-OCT-1999; 99WO-US023089.  
 PR 30-NOV-1999; 99WO-US028313.  
 PR 02-DEC-1999; 99WO-US028564.  
 PR 02-DEC-1999; 99WO-US028565.  
 XX (GETH ) GENENTECH INC.  
 XX PA Ashkenazi AJ, Baker KP, Ferrara N, Gerber H, Goddard A;  
 PI Godowski PG, Gurney AL, Hillan KJ, Kuo SS, Mark MR, Marsters SA;  
 PI Paoni NF, Pitti RM, Watanabe CK, Williams PM, Wood WI;  
 XX WPI; 2001-090793/10.  
 XX DR N-PSDB; AAC97400.  
 XX PT New isolated nucleic acid for producing a PRO polypeptide, analyzing  
 PT genetic disorders and treating cardiovascular, endothelial or angiogenic  
 PT disorders, such as atherosclerosis, wounds or cancer.  
 XX Claim 69; Fig 20; 293pp; English.  
 XX The invention relates to novel human angiogenesis-associated proteins  
 CC designated PRO proteins (AAB53064-B53097), and to nucleic acids encoding  
 CC PRO proteins. The invention also relates to vectors and host cells  
 CC comprising a PRO nucleic acid, the recombinant production of a PRO  
 CC protein, PRO antibodies specific for a PRO protein, fusion proteins  
 CC comprising a PRO protein, agonists or antagonists of a PRO protein, and  
 CC compounds which inhibit the expression of a PRO gene. The invention  
 CC additionally encompasses methods of identifying modulators of PRO  
 CC expression or activity; diagnosing a cardiovascular, endothelial or  
 CC angiogenic disorder, or a susceptibility to such a disorder by detecting  
 CC mutations in a PRO gene, or the expression level of a PRO gene within a  
 CC particular tissue; treating a cardiovascular, endothelial or angiogenic  
 CC disorder via the administration of a PRO protein, PRO nucleic acid, or  
 CC PRO agonist or antagonist; a retroviral gene therapy vector comprising a

CC PRO nucleic acid; and methods of inhibiting or stimulating endothelial  
 CC cell growth, cardiac hypertrophy or PRO-induced angiogenesis via the  
 CC administration of a PRO protein, or an agonist or antagonist thereof. PRO  
 CC nucleic acids, PRO proteins, antibodies against PRO proteins, PRO  
 CC agonists and PRO antagonists may be used as therapeutic agents to treat  
 CC cardiovascular, endothelial or angiogenic disorders, such as  
 CC atherosclerosis, osteoporosis, myocardial infarction, hypertension,  
 CC diabetic retinopathy, rheumatoid arthritis, Crohn's disease, psoriasis,  
 CC endometriosis, ulcers, wounds, cancer, Alzheimer's disease, Huntington's  
 CC disease, or stroke. PRO nucleic acids are additionally useful in the  
 CC recombinant production of PRO proteins, as hybridisation probes to screen  
 CC libraries to isolate cDNAs with sequence identity to PRO proteins, to map  
 CC genes encoding PRO proteins, to analyse genetic disorders, and in gene  
 CC therapy. PRO nucleic acids can also be used to produce transgenic animals  
 CC useful for the development and screening of potential therapeutic agents.  
 CC The present sequence represents a PRO protein of the invention  
 XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 4; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKGSILWRTQGLPPLILLTALAGSGTASAEADSVLGDTSCHRACOLTYPLRT 60  
 DB 1 MAAPKGSILWRTQGLPPLILLTALAGSGTASAEADSVLGDTSCHRACOLTYPLRT 60  
 QY 61 YPKREELVACQRCGLFSICQFVDDGIDILNRKLCESACTEAYSQSDEQYACHLGCONQ 120  
 DB 61 YPKREELVACQRCGLFSICQFVDDGIDILNRKLCESACTEAYSQSDEQYACHLGCONQ 120  
 QY 121 LPPAEURQSLASLMPOMHLLPFLILVRSFWSMDMSAQSFITSSWTFLQADDKIVIP 180  
 DB 121 LPPAEURQSLASLMPOMHLLPFLILVRSFWSMDMSAQSFITSSWTFLQADDKIVIP 180  
 QY 181 QSKPEIQVAPHLEQEPNLRESLSKMSVLOMNSQAHNRFLEDCESDGLFCLINSQW 240  
 DB 181 QSKPEIQVAPHLEQEPNLRESLSKMSVLOMNSQAHNRFLEDCESDGLFCLINSQW 240  
 QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
 DB 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
 QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
 DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 9  
 AAB88428  
 ID AAB88428 standard; protein; 323 AA.  
 XX AC AAB88428;  
 XX DT 23-MAY-2001 (first entry)  
 XX DE Human membrane or secretory protein clone PSEC0203.  
 XX KW Human; secretory protein; membrane protein; vaccine; gene therapy;  
 KW rheumatoid arthritis; diabetes.  
 XX OS Homo sapiens.  
 XX PN EP1067182-A2.  
 XX PD 10-JAN-2001.  
 XX PF 07-JUL-2000; 2000EP-00114090.  
 XX PR 08-JUL-1999; 99JP-00194179.  
 XX PR 11-JAN-2000; 2000JP-00118775.  
 XX PR 02-MAY-2000; 2000JP-00183766.



PA (HELI-) HELIX RES INST.  
 XX Ota T, Isogai T, Nishikawa T, Kawai Y, Sugiyama T, Hayashi K;  
 XX WPI; 2001-093989/11.  
 DR N-PSDB; AAF93855.  
 XX  
 PT Nucleic acids encoding secretory proteins/membrane proteins, useful in  
 PT gene therapy or as candidate target molecules in drug development.  
 XX  
 PS Claim 1; SEQ ID NO 224; 609pp + Sequence Listing; English.  
 XX  
 XX This invention relates to nucleic acid sequences AAF93744 - AAF93916  
 XX which encode human secretory or membrane proteins represented by AAF88317  
 XX AAF88413. Included in the invention are primers AAF93917 - AAF94295 and  
 XX AAF62232 - AAF62235 which are used to isolate the cDNA sequences of the  
 XX invention. The invention also includes methods for the production of  
 XX antibodies directed against the proteins, and cDNA sequences, which can  
 XX be used in vaccines. The polynucleotide sequences can be used in gene  
 XX therapy. The polynucleotide sequences and the proteins they encode may be  
 XX used in the prevention, treatment and diagnosis of diseases associated  
 XX with inappropriate secretory protein/membrane protein expression. The  
 XX nucleic acids and complementary sequences may also be used as DNA probes  
 XX in diagnostic assays (e.g. polymerase chain reactions (PCR)) to detect  
 XX and quantitate the presence of similar nucleic acid sequences in samples.  
 XX They may also be used to study the expression and function of secretory  
 XX proteins/membrane polypeptides and their role in metabolism. The  
 XX polypeptides may be used as antigens in the production of antibodies  
 XX against them and in assays to identify modulators (agonists and  
 XX antagonists) of expression and activity. The antibodies and antagonists  
 XX may also be used as therapeutic agents to down regulate expression and  
 XX activity. The antibodies may also be used as diagnostic agents for  
 XX detecting the presence of the polypeptides in samples (e.g. by enzyme  
 XX linked immunosorbent assay (ELISA). Examples of diseases which may be  
 XX treated include rheumatoid arthritis and diabetes  
 XX  
 XX Sequence 323 AA;  
 XX  
 Query Match 100.0%; Score 1694; DB 4; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 1 MAAPKGLWRTQGLPPLLLITNALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
 1 MAAPKGLWRTQGLPPLLLITNALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
 61 YPKKEELYACQRCGLPFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQVQ 120  
 61 YPKKEELYACQRCGLPFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQVQ 120  
 121 LPFAELRQQLMSLMPKPHLLFPITLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
 121 LPFAELRQQLMSLMPKPHLLFPITLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
 181 QSKPEIOYAPHEQPTNLRSSISKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
 181 QSKPEIOYAPHEQPTNLRSSISKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
 241 ILTTTLVLSVNLWLCATVATAVEQYVPSEKLSIYGDLFPNEQKLNARYPASSLWVVR 300  
 241 ILTTTLVLSVNLWLCATVATAVEQYVPSEKLSIYGDLFPNEQKLNARYPASSLWVVR 300  
 301 SKTEDHEERAGPLTKVNLHSEI 323  
 301 SKTEDHEERAGPLTKVNLHSEI 323

RESULT 10

BB94820

D ABB84820 standard; protein; 323 AA.

X ABB84820;

X

DT 16-MAY-2002 (first entry)  
 XX Human PRO195 protein sequence SEQ ID NO:8.  
 XX  
 XX Human; angiogenesis; cardiant; cytostatic; antiangiogenic; hypotensive;  
 XX vulnery; antiarteriosclerotic; PRO agonist; PRO antagonist; trauma;  
 XX gene therapy; cardiovascular disorder; endothelial disorder; cancer;  
 XX angiogenic disorder; cardiac hypertrophy; arteriosclerosis; hypertension;  
 XX age-related macular degeneration; arterial restenosis; angina;  
 XX rheumatoid arthritis; myocardial infarction; thrombophlebitis;  
 XX lymphangitis; tumour angiogenesis; breast carcinoma; liver carcinoma;  
 XX wound healing; chromosome mapping; gene mapping.  
 XX  
 XX Homo sapiens.  
 OS  
 XX WO200200690-A2.  
 XX  
 XX 03-JAN-2002.  
 XX  
 XX 20-JUN-2001; 2001WO-US019692.  
 XX  
 XX 23-JUN-2000; 2000US-0213637P.  
 XX 20-JUL-2000; 2000US-0219556P.  
 XX 25-JUL-2000; 2000US-0220634P.  
 XX 25-JUL-2000; 2000US-0220664P.  
 XX 28-JUL-2000; 2000WO-US020710.  
 XX 02-AUG-2000; 2000US-0222695P.  
 XX 17-AUG-2000; 2000US-00643857.  
 XX 23-AUG-2000; 2000WO-US023522.  
 XX 24-AUG-2000; 2000WO-US023328.  
 XX 17-SEP-2000; 2000US-0230978P.  
 XX 18-SEP-2000; 2000US-00664610.  
 XX 18-SEP-2000; 2000US-00665350.  
 XX 24-OCT-2000; 2000US-0242922P.  
 XX 08-NOV-2000; 2000US-00709238.  
 XX 08-NOV-2000; 2000WO-US030352.  
 XX 10-NOV-2000; 2000WO-US030873.  
 XX 01-DEC-2000; 2000WO-US032678.  
 XX 20-DEC-2000; 2000US-00747259.  
 XX 20-DEC-2000; 2000WO-US034956.  
 XX 22-JAN-2001; 2001US-00767609.  
 XX 28-FEB-2001; 2001US-00796498.  
 XX 28-FEB-2001; 2001WO-US006520.  
 XX 01-MAR-2001; 2001WO-US006666.  
 XX 09-MAR-2001; 2001US-00802706.  
 XX 14-MAR-2001; 2001US-00808689.  
 XX 22-MAR-2001; 2001US-00816744.  
 XX 05-APR-2001; 2001US-00828366.  
 XX 10-MAY-2001; 2001US-00854208.  
 XX 10-MAY-2001; 2001US-00854280.  
 XX 25-MAY-2001; 2001US-00866028.  
 XX 25-MAY-2001; 2001US-00866034.  
 XX 25-MAY-2001; 2001WO-US017092.  
 XX 30-MAY-2001; 2001US-00870574.  
 XX 30-MAY-2001; 2001WO-US017443.  
 XX 01-JUN-2001; 2001WO-US017800.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 XX Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;  
 XX Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Paoni NF;  
 XX Stephan JF, Watanabe CK, Williams PM, Wood WI, Ye W;  
 XX  
 XX WPI; 2002-090516/12.  
 XX N-PSDB; ABL88075.  
 XX  
 XX One hundred and eighty seven nucleic acids encoding PRO polypeptides,  
 XX useful in diagnosis and treatment of cardiovascular (e.g. myocardial  
 XX infarction), endothelial or angiogenic disorders in a mammal.  
 XX  
 XX Claim 11; Fig 8; 565pp; English.  
 XX  
 XX ABL88072 to ABL88258 encode the PRO proteins given in ABB84817 to

CC ABB85003. The PRO proteins and polynucleotides have cardiant, cytostatic,  
CC antiangiogenic, hypotensive, vulnerary and antiarteriosclerotic  
CC activities and can be used in gene therapy. The PRO polynucleotides,  
CC proteins, agonists and antagonists are useful for treating or diagnosing  
CC a cardiovascular, endothelial or angiogenic disorder in a mammal, e.g.  
CC cardiac hypertrophy, trauma, cancer, age-related macular degeneration,  
CC atherosclerosis, hypertension, arterial restenosis, rheumatoid arthritis,  
CC angina, myocardial infarctions, thrombophlebitis, lymphangitis, tumour  
CC angiogenesis (such as breast carcinoma and liver carcinoma) and wound  
CC healing. The PRO polynucleotides have applications in molecular biology,  
CC including use as hybridisation probes, and in chromosome and gene  
CC mapping. ABL8259 to ABL8267 represent primers and probes used in the  
CC exemplification of the present invention  
XX  
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 5; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLLWVLTQGLPPLLLTALAGSGTAGAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLLWVLTQGLPPLLLTALAGSGTAGAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSCQVDDGIDLNRTKECESACTEAYSQSDQVACHLGCNQ 120  
DB 61 YPKBELYACQRCGLFSCQVDDGIDLNRTKECESACTEAYSQSDQVACHLGCNQ 120  
QY 121 LPPFAELRQBLMSLMPKXHLPLPLTVLVSFMSMDMSAQSPITTSWTFLQADGKIVIP 180  
DB 121 LPPFAELRQBLMSLMPKXHLPLPLTVLVSFMSMDMSAQSPITTSWTFLQADGKIVIP 180  
QY 181 QSKPEIQAAPHLQEQPTNLRSSLSKMSVLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQAAPHLQEQPTNLRSSLSKMSVLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWVLLMTCATVATAVEQVPSKLSIYGDLFPMNEQKLNRYPASSLLVVR 300  
DB 241 ILTTTLVLSVWVLLMTCATVATAVEQVPSKLSIYGDLFPMNEQKLNRYPASSLLVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 11  
ABB95426 standard; protein; 323 AA.  
XX ABB95426;  
XX  
XX 19-JUL-2002 (first entry)  
XX  
XX Human angiogenesis related protein PRO195 SEQ ID NO: 8.  
XX  
XX Human; angiogenesis; PRO protein; cardiovascularisation; wound; cancer;  
XX atherosclerosis; cardiac hypertrophy; gene therapy; endothelial disorder;  
XX cardiant; cytostatic; antiangiogenic; hypotensive; vulnerary;  
XX antiarteriosclerotic.  
XX  
XX Homo sapiens.  
XX  
XX WO200208284-A2.  
XX  
XX 31-JAN-2002.  
XX  
XX 09-JUL-2001; 2001WO-US021735.  
XX  
XX 20-JUL-2000; 2000US-0219556P.  
XX 25-JUL-2000; 2000US-0220624P.  
XX 28-JUL-2000; 2000US-0220664P.  
XX 28-JUL-2000; 2000WO-US020710.  
XX 02-AUG-2000; 2000US-0222695P.

PR 17-AUG-2000; 2000US-00643657.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 07-SEP-2000; 2000US-0230978P.  
PR 18-SEP-2000; 2000US-00664610.  
PR 18-SEP-2000; 2000US-00665350.  
PR 24-OCT-2000; 2000US-0242922P.  
PR 08-NOV-2000; 2000US-00709238.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 22-JAN-2001; 2001US-00767609.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808699.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 30-MAY-2001; 2001US-00870574.  
PR 30-MAY-2001; 2001WO-US017443.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019692.  
XX  
XX (GETH ) GENENTECH INC.  
XX (BAKE/) BAKER K P.  
XX (FERS/) FERRARA N.  
XX (GERS/) GERBER H.  
XX (GERS/) GERITSEN M B.  
XX (GODD/) GODDARD A.  
XX (GODO/) GODOWSKI P J.  
XX (GURN/) GURNEY A L.  
XX (HILL/) HILLAN K J.  
XX (MARS/) MARSTERS S A.  
XX (PANJ/) PAN J.  
XX (PAONI/) PAONI N F.  
XX (STEP/) STEPHAN J F.  
XX (WATA/) WATANABE C K.  
XX (WILL/) WILLIAMS P M.  
XX (WOOD/) WOOD W I.  
XX  
XX Baker KP, Ferrara N, Gerber H, Gerritsen MB, Goddard A, Paoni NF;  
XX Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Paoni NF;  
XX Stephan JF, Watanabe CK, Williams PM, Wood WI, Ye W;  
XX  
XX WPI; 2002-171999/22.  
XX N-PSDB; ABL95564.  
XX  
XX One hundred and eighty seven nucleic acids encoding PRO polypeptides,  
XX useful in diagnosis and treatment of cardiovascular (e.g. myocardial  
XX infarction), endothelial or angiogenic disorders in a mammal.  
XX  
XX Claim 11; Fig 8; 567pp; English.  
XX  
XX The present invention provides the protein and coding sequences of human  
XX PRO proteins. These are useful for treating or diagnosing a  
XX cardiovascular, endothelial or angiogenic disorder, including cardiac  
XX hypertrophy, trauma, cancer, age-related macular degeneration,  
XX atherosclerosis, hypertension, arterial restenosis, rheumatoid arthritis,  
XX angina, myocardial infarctions, thrombophlebitis, lymphangitis, tumour  
XX angiogenesis (such as breast carcinoma and liver carcinoma) and wound  
XX healing. The present sequence is a PRO protein of the invention  
XX  
XX Sequence 323 AA;  
XX  
XX Query Match 100.0%; Score 1694; DB 5; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWRTOLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
1 MAAPKGLWRTOLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
61 YPKEEELVACORGLFSLICQFVDDGDIDLNRKTLCEESACTEAYSQSDROYACHLGCQ 120  
61 YPKEEELVACORGLFSLICQFVDDGDIDLNRKTLCEESACTEAYSQSDROYACHLGCQ 120  
121 LPFAELRQELMSLMPRHLLFPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIP 180  
121 LPFAELRQELMSLMPRHLLFPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIP 180  
181 QSKPEIQAHPLEOEPNLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQAHPLEOEPNLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
241 ILTTVLVSVMLLNICATVATAVEQVVPSEKLSIYGDLFPNEQKLNRYPASSLVVVR 300  
241 ILTTVLVSVMLLNICATVATAVEQVVPSEKLSIYGDLFPNEQKLNRYPASSLVVVR 300  
301 SKTEDEHEAGPLPKVNLHSEI 323  
301 SKTEDEHEAGPLPKVNLHSEI 323

RESULT 12  
D ABO17751 standard; protein; 323 AA.  
X ABO17751;  
X 26-AUG-2003 (first entry)  
X Novel human secreted and transmembrane protein PRO195.  
X Human; secreted and transmembrane protein; PRO; antiinflammatory;  
X antiarteriosclerotic; cardiant; anti-infertility; anti-Hiv; cytostatic;  
X anti-diabetic; gene therapy; tumour necrosis factor (TNF)-alpha release;  
X TNF-alpha release; cell proliferation; cell differentiation;  
X gene expression modulator; proteoglycan release; cytokine release;  
X tumour; inflammatory disease; organ failure; atherosclerosis;  
X cardiac injury; infertility; birth defect; premature aging; AIDS;  
X acquired immunodeficiency syndrome; cancer; diabetic complication;  
X chromosome mapping; gene mapping; pharmaceutical; diagnostic; biosensor;  
X bioreactor; tissue typing.  
X Homo sapiens.  
X US2003032156-A1.  
X 13-FEB-2003.  
X 06-MAY-2002; 2002US-00140474.  
X 31-MAR-1997; 97WO-US005230.  
X 12-JUN-1998; 98WO-US012456.  
X 14-JUL-1998; 98WO-US014552.  
X 28-AUG-1998; 98WO-US017888.  
X 10-SEP-1998; 98WO-US018824.  
X 14-SEP-1998; 98WO-US019093.  
X 14-SEP-1998; 98WO-US019094.  
X 14-SEP-1998; 98WO-US019177.  
X 16-SEP-1998; 98WO-US019330.  
X 17-SEP-1998; 98WO-US019437.  
X 07-OCT-1998; 98WO-US021141.  
X 29-OCT-1998; 98WO-US022991.  
X 20-NOV-1998; 98WO-US022992.  
X 01-DEC-1998; 98WO-US024855.  
X 05-JAN-1999; 98WO-US025108.  
X 99WO-US000106.

08-MAR-1999; 99WO-US005028.  
10-MAR-1999; 99WO-US005190.  
20-APR-1999; 99WO-US008615.  
14-MAY-1999; 99WO-US010733.  
02-JUN-1999; 99WO-US012252.  
01-SEP-1999; 99WO-US020111.  
08-SEP-1999; 99WO-US020594.  
13-SEP-1999; 99WO-US020944.  
15-SEP-1999; 99WO-US021090.  
15-SEP-1999; 99WO-US021547.  
05-OCT-1999; 99WO-US023089.  
29-NOV-1999; 99WO-US028214.  
30-NOV-1999; 99WO-US028313.  
30-NOV-1999; 99WO-US028409.  
01-DEC-1999; 99WO-US028301.  
01-DEC-1999; 99WO-US028634.  
02-DEC-1999; 99WO-US028551.  
02-DEC-1999; 99WO-US028564.  
02-DEC-1999; 99WO-US028565.  
16-DEC-1999; 99WO-US030095.  
20-DEC-1999; 99WO-US030911.  
20-DEC-1999; 99WO-US030999.  
22-DEC-1999; 99WO-US030720.  
30-DEC-1999; 99WO-US031243.  
30-DEC-1999; 99WO-US031274.  
05-JAN-2000; 2000WO-US000219.  
06-JAN-2000; 2000WO-US000277.  
06-JAN-2000; 2000WO-US000376.  
11-FEB-2000; 2000WO-US003565.  
18-FEB-2000; 2000WO-US004341.  
18-FEB-2000; 2000WO-US004342.  
22-FEB-2000; 2000WO-US004414.  
24-FEB-2000; 2000WO-US004914.  
24-FEB-2000; 2000WO-US005004.  
01-MAR-2000; 2000WO-US005601.  
02-MAR-2000; 2000WO-US005746.  
10-MAR-2000; 2000WO-US006319.  
15-MAR-2000; 2000WO-US006884.  
20-MAR-2000; 2000WO-US007377.  
21-MAR-2000; 2000WO-US007532.  
30-MAR-2000; 2000WO-US008439.  
17-MAY-2000; 2000WO-US013705.  
22-MAY-2000; 2000WO-US014042.  
30-MAY-2000; 2000WO-US014941.  
02-JUN-2000; 2000WO-US015264.  
28-JUL-2000; 2000WO-US020710.  
11-AUG-2000; 2000WO-US022031.  
23-AUG-2000; 2000WO-US023522.  
24-AUG-2000; 2000WO-US023328.  
08-NOV-2000; 2000WO-US030952.  
10-NOV-2000; 2000WO-US030873.  
01-DEC-2000; 2000WO-US032678.  
20-DEC-2000; 2000US-00747259.  
20-DEC-2000; 2000WO-US034956.  
28-FEB-2001; 2001US-00796498.  
01-MAR-2001; 2001WO-US006520.  
01-MAR-2001; 2001WO-US006666.  
09-MAR-2001; 2001US-00802706.  
14-MAR-2001; 2001US-00808689.  
22-MAR-2001; 2001US-00816744.  
05-APR-2001; 2001US-00828366.  
10-MAY-2001; 2001US-00854208.  
18-MAY-2001; 2001US-00854280.  
18-MAY-2001; 2001US-00860216.  
25-MAY-2001; 2001US-00866028.  
25-MAY-2001; 2001US-00866034.  
25-MAY-2001; 2001WO-US017092.  
01-JUN-2001; 2001US-00872035.  
01-JUN-2001; 2001WO-US017800.  
05-JUN-2001; 2001US-00874503.  
14-JUN-2001; 2001US-00882636.  
19-JUN-2001; 2001US-00886342.

PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021056.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00968827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
XX WPI; 2003-341980/32.  
XX N-PSDB; ACD23988.  
XX  
XX New secreted and transmembrane PRO nucleic acids, for treating  
PT inflammation, organ failure, atherosclerosis, cardiac injury,  
PT infertility, birth defects, premature aging, acquired immunodeficiency  
PT syndrome (AIDS), or cancer.  
XX  
XX Claim 12; Fig 272; 660pp; English.  
XX  
XX The invention describes an isolated nucleic acid (I) comprising, or which  
CC has 80 % sequence identity to, or the full-length coding sequence of, one  
CC of 275 nucleotide sequences, and which encodes a corresponding  
CC polypeptide selected from 275 amino acid sequences, where all sequences  
CC are given in the specification. The polypeptide encoded by (I) is used to  
CC detect PRO polypeptides, link a bioactive molecule to a cell expressing a  
CC PRO polypeptide, modulate a biological activity of a cell, stimulate the  
CC release of tumour necrosis factor (TNF) alpha from human blood, modulate  
CC the uptake of glucose or free fatty acid by cells, stimulate or inhibit  
CC the proliferation or differentiation of cells or gene expression,  
CC stimulate the release of proteoglycans, stimulate the release of cytokine  
CC from peripheral blood mononuclear cells, inhibit the binding of A-peptide  
CC to factor VIIA, or detect the presence of tumour in a mammal. The nucleic  
CC acid and polypeptide encoded by it, are useful for treating inflammatory  
CC diseases, organ failure, atherosclerosis, cardiac injury, infertility,  
CC birth defects, premature aging, acquired immunodeficiency syndrome  
CC (AIDS), cancer, or diabetic complications. The nucleic acid is useful as  
CC hybridisation probes, in chromosome and gene mapping, and in generating  
CC antisense RNA or DNA. The polypeptides are useful as pharmaceuticals,  
CC diagnostics, biosensors or bioreactors. Both are useful in tissue typing.  
CC This is the amino acid sequence of a novel human secreted and  
CC transmembrane PRO polypeptide  
XX  
XX Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSILWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKEELYACQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELYACQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKXGHLFPITLVRFSWMDSAQSFITSSWTFYLOADDGKIVP 180  
DB 121 LPFAELRQQLMSLMPKXGHLFPITLVRFSWMDSAQSFITSSWTFYLOADDGKIVP 180  
QY 181 QSKPEIOYAPHLRQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIOYAPHLRQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICATVATAVEQVVPSEKLSIYGDLTFMNEQKLNRYPASSLVVVR 300

DB 241 ILTTTLVLSVMVLLMICATVATAVEQVVPSEKLSIYGDLTFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 13  
ABO25235  
ID ABO25235 standard; protein; 323 AA.  
XX  
XX ABO25235;  
XX AC  
XX XX  
XX 09-SEP-2003 (first entry)  
XX Novel human secreted and transmembrane protein PRO195.  
XX  
XX Human; secreted and transmembrane protein; PRO; virucide; gene therapy;  
XX cell death; growth induction cascade; blood coagulation cascade;  
XX viral infection.  
XX Homo sapiens.  
XX OS  
XX XX  
XX US2003050239-A1.  
XX  
XX 13-MAR-2003.  
XX  
XX 15-OCT-2001; 2001US-00978191.  
XX  
XX 17-OCT-1997; 97US-0062250P.  
XX 03-NOV-1997; 97US-0064249P.  
XX 13-NOV-1997; 97US-0065511P.  
XX 21-NOV-1997; 97US-0066364P.  
XX 10-MAR-1998; 98US-0077450P.  
XX 11-MAR-1998; 98US-0077632P.  
XX 11-MAR-1998; 98US-0077641P.  
XX 12-MAR-1998; 98US-0077649P.  
XX 12-MAR-1998; 98US-0077791P.  
XX 13-MAR-1998; 98US-0078004P.  
XX 17-MAR-1998; 98US-00040220.  
XX 20-MAR-1998; 98US-0078886P.  
XX 20-MAR-1998; 98US-0078910P.  
XX 20-MAR-1998; 98US-0078936P.  
XX 20-MAR-1998; 98US-0078939P.  
XX 25-MAR-1998; 98US-0079294P.  
XX 26-MAR-1998; 98US-0079656P.  
XX 27-MAR-1998; 98US-0079663P.  
XX 27-MAR-1998; 98US-0079664P.  
XX 27-MAR-1998; 98US-0079689P.  
XX 27-MAR-1998; 98US-0079728P.  
XX 27-MAR-1998; 98US-0079786P.  
XX 30-MAR-1998; 98US-0079920P.  
XX 30-MAR-1998; 98US-0079923P.  
XX 31-MAR-1998; 98US-0080105P.  
XX 31-MAR-1998; 98US-0080107P.  
XX 31-MAR-1998; 98US-0080165P.  
XX 31-MAR-1998; 98US-0080194P.  
XX 01-APR-1998; 98US-0080327P.  
XX 01-APR-1998; 98US-0080328P.  
XX 01-APR-1998; 98US-0080333P.  
XX 01-APR-1998; 98US-0080334P.  
XX 08-APR-1998; 98US-0081049P.  
XX 08-APR-1998; 98US-0081070P.  
XX 08-APR-1998; 98US-0081071P.  
XX 09-APR-1998; 98US-0081195P.  
XX 09-APR-1998; 98US-0081203P.  
XX 09-APR-1998; 98US-0081239P.  
XX 15-APR-1998; 98US-0081817P.  
XX 15-APR-1998; 98US-0081819P.  
XX 15-APR-1998; 98US-0081838P.  
XX 15-APR-1998; 98US-0081952P.  
XX 15-APR-1998; 98US-0081955P.

[illegible]

61	YPKEEELYACQRCGLFSICQFVDDGIDILNRKTLCECSEACTEAYSQSDEQYACHLGCQ	120
61	YPKEEELYACQRCGLFSICQFVDDGIDILNRKTLCECSEACTEAYSQSDEQYACHLGCQ	120
121	LPFAELROEQLMSLPMKHLPLTLVRSFQSDMMDSAQSPITSSWTFVLQADDGKIVIF	180
121	LPFAELROEQLMSLPMKHLPLTLVRSFQSDMMDSAQSPITSSWTFVLQADDGKIVIF	180
181	QSKPEIQYAPHLBQEPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW	240
181	QSKPEIQYAPHLBQEPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW	240
241	ILFTTTLVLSYKVLIIWICCATVATAVSQYVPSEKLSIYGDLEFNNQKLNRYPASSLIVVR	300
241	ILFTTTLVLSYKVLIIWICCATVATAVSQYVPSEKLSIYGDLEFNNQKLNRYPASSLIVVR	300
301	SKTEDHEEAGFLPTKVNLAHSEI 323	
301	SKTEDHEEAGFLPTKVNLAHSEI 323	
RESULT 14		
ABU81005		
ABU81005 standard; protein; 323 AA.		
ABU81005;		
23-JUN-2003 (first entry)		
Human PRO polypeptide #136.		
Human; PRO polypeptide; secreted and transmembrane protein;		
anti-PRO antibody; diagnostic assay; gene expression; diabetes;		
bone disorder; cartilage disorder; rheumatoid arthritis; obesity;		
sports injury; osteoarthritis; hyper-insulinaemia; hypo-insulinaemia;		
hearing loss; coagulation disorder; stroke; heart attack; cardiac;		
antidiabetic; anorectic; vulnerable; stroke; heart attack; cardiac;		
antirheumatic; auditory; cerebrotective; angiogenic.		
Homo sapiens.		
US2003004311-A1.		
02-JAN-2003.		
19-DEC-2001; 2001US-00028072.		
18-JUN-1997; 97US-0049911P.		
26-AUG-1997; 97US-0056974P.		
17-SEP-1997; 97US-0059113P.		
17-SEP-1997; 97US-0059115P.		
17-SEP-1997; 97US-0059117P.		
17-SEP-1997; 97US-0059112P.		
17-SEP-1997; 97US-0059184P.		
18-SEP-1997; 97US-0059263P.		
19-SEP-1997; 97US-0059352P.		
19-SEP-1997; 97US-0059588P.		
24-SEP-1997; 97US-0059836P.		
17-OCT-1997; 97US-0062250P.		
17-OCT-1997; 97US-0062285P.		
17-OCT-1997; 97US-0062287P.		
24-OCT-1997; 97US-0063755P.		
24-OCT-1997; 97US-0062814P.		
24-OCT-1997; 97US-0063045P.		
24-OCT-1997; 97US-0063082P.		
24-OCT-1997; 97US-0063127P.		
27-OCT-1997; 97US-0063327P.		
27-OCT-1997; 97US-0063329P.		
28-OCT-1997; 97US-0063550P.		
28-OCT-1997; 97US-0063561P.		
29-OCT-1997; 97US-0063704P.		
29-OCT-1997; 97US-0063733P.		

```

02-MAR-2000; 2000WO-US005746.
(GETH ) GENENTECH INC.
Baker KP, Beresini M, DeForge L, Deanoyers L, Filvaroff E, Gao W;
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
WPI; 2003-352836/33.
N-PSDB; ACA67129.
New isolated PRO polypeptide useful for treating diabetes, rheumatoid
arthritis, sports injuries, obesity, hearing loss in mammals, stroke, or
heart attack.
Claim 12; Fig 272; 643pp; English.
The present invention relates to the isolation of novel human PRO
polypeptides, and the polynucleotide sequences encoding them. The PRO
polypeptides are secreted and transmembrane proteins. The PRO
polypeptides and polynucleotides are useful for preparing a medicament
useful in the treatment of diabetes, bone and/or cartilage disorders
(e.g. rheumatoid arthritis, sports injuries, osteoarthritis), obesity,
hyper- or hypo-insulinemia, hearing loss, and coagulation disorders
(e.g. stroke, heart attack). Anti-PRO antibodies are useful in diagnostic
assays for PRO, by detecting its expression in specific cells, tissues or
serum, and for affinity purification of PRO from recombinant cell culture
or natural sources. AB08070-AB08114 represent the human PRO
polypeptides of the invention. Note: The sequence data for this patent
was obtained in electronic format directly from the USPTO web site at
seqdata.uspto.gov/psipsdIDEntry.html
Sequence 323 AA;
Query Match          100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1  MAAPKGSILWRTQLGLPPLLLTALAGSGTASAPDSVLGDTASCHRACOLTYPLHT 60
1  MAAPKGSILWRTQLGLPPLLLTALAGSGTASAPDSVLGDTASCHRACOLTYPLHT 60
61  YPKSEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHGCOMQ 120
61  YPKSEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHGCOMQ 120
121  LPPAELRQELMSLMPKXHLPLTLVRSFWSQMDSAQSFTSSWTFYLQADDGKIVIF 180
121  LPPAELRQELMSLMPKXHLPLTLVRSFWSQMDSAQSFTSSWTFYLQADDGKIVIF 180
181  QSKPEIQVAPHLQEPNLRSSLSKMSYLQMRNSQAHNRNFGEDSGDFLRLCLNSGW 240
181  QSKPEIQVAPHLQEPNLRSSLSKMSYLQMRNSQAHNRNFGEDSGDFLRLCLNSGW 240
241  ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
241  ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300
301  SKTSDHEEAGPLPKVNLHSEI 323
301  SKTSDHEEAGPLPKVNLHSEI 323
RESULT 15
ABU72241
ID ABU72241 standard; protein; 323 AA.
AC ABU72241;
CX 16-JUN-2003 (first entry)
CX Novel human secreted and transmembrane protein PRO195.
CX
```

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KW Human; secreted and transmembrane protein; PRO; antiinflammatory;
KW antiarteriosclerotic; cardiant; anti-infertility; anti-HIV; cytostatic;
KW antidiabetic; gene therapy; inflammatory disease; organ failure;
KW atherosclerosis; cardiac injury; infertility; birth defect;
KW premature aging; AIDS; cancer; diabetic complication; chromosome mapping;
KW gene mapping; pharmaceutical; diagnostic; biosensor; bioreactor;
KW tissue typing.
XX
OS Homo sapiens.
XX
PN US2002192706-A1.
XX
PD 19-DEC-2002.
XX
PF 24-OCT-2001; 2001US-00999832.
XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
PR 13-NOV-1997; 97US-0065311P.
PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
PR 11-MAR-1998; 98US-0077632P.
PR 11-MAR-1998; 98US-0077641P.
PR 11-MAR-1998; 98US-0077649P.
PR 12-MAR-1998; 98US-0077791P.
PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078886P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079689P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080155P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081819P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98WO-US024855.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR
```

Human; secreted and transmembrane protein; PRO; antiinflammatory;  
antiarteriosclerotic; cardiant; anti-infertility; anti-HIV; cytostatic;  
antidiabetic; gene therapy; inflammatory disease; organ failure;  
atherosclerosis; cardiac injury; infertility; birth defect;  
premature aging; AIDS; cancer; diabetic complication; chromosome mapping;  
gene mapping; pharmaceutical; diagnostic; biosensor; bioreactor;  
tissue typing.

Homo sapiens.

US2002192706-A1.

19-DEC-2002.

24-OCT-2001; 2001US-00999832.

17-OCT-1997; 97US-0062250P.

03-NOV-1997; 97US-0064249P.

13-NOV-1997; 97US-0065311P.

21-NOV-1997; 97US-0066364P.

10-MAR-1998; 98US-0077450P.

11-MAR-1998; 98US-0077632P.

11-MAR-1998; 98US-0077641P.

11-MAR-1998; 98US-0077649P.

12-MAR-1998; 98US-0077791P.

13-MAR-1998; 98US-0078004P.

17-MAR-1998; 98US-00040220.

20-MAR-1998; 98US-0078886P.

20-MAR-1998; 98US-0078910P.

20-MAR-1998; 98US-0078936P.

20-MAR-1998; 98US-0078939P.

25-MAR-1998; 98US-0079294P.

26-MAR-1998; 98US-0079656P.

27-MAR-1998; 98US-0079663P.

27-MAR-1998; 98US-0079664P.

27-MAR-1998; 98US-0079689P.

27-MAR-1998; 98US-0079728P.

27-MAR-1998; 98US-0079786P.

30-MAR-1998; 98US-0079920P.

30-MAR-1998; 98US-0079923P.

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31-MAR-1998; 98US-0080155P.

31-MAR-1998; 98US-0080194P.

01-APR-1998; 98US-0080327P.

01-APR-1998; 98US-0080328P.

01-APR-1998; 98US-0080333P.

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08-APR-1998; 98US-0081049P.

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08-APR-1998; 98US-0081071P.

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PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028565.  
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PR 30-DEC-1999; 99WO-US031274.  
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PR 24-FEB-2000; 2000WO-US005004.  
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PR 01-DEC-2000; 2000WO-US032678.  
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PR 22-MAR-2001; 2001WO-US009552.  
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PR 01-JUN-2001; 2001WO-US037800.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
XX (GETH ) GENENTECH INC.  
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DI;  
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KU;  
XX Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
XX Stewart TA, Tumas D, Williams PM, Wood WI;  
XX WPI; 2003-328860/31.  
DR N-PSDB; ACA63739.  
XX  
XX New secreted and transmembrane nucleic acids and polypeptides, designated  
XX as PRO, useful for treating inflammation, organ failure, atherosclerosis,  
XX cardiac injury, infertility, birth defects, premature aging, AIDS, or  
XX cancer.  
XX Claim 12; Fig 132; 453pp; English.  
XX  
XX The invention describes an isolated nucleic acid (1) comprising, or which  
XX is at least 80 % sequence identity to, or the full-length coding sequence  
XX of, any of 118 300-2100 nucleotide sequences, which encodes its  
XX corresponding PRO polypeptide selected from 118 100-700 amino acid  
XX sequences, all given in the specification. The nucleic acids and  
XX polypeptides are useful for treating inflammatory diseases, organ  
XX failure, atherosclerosis, cardiac injury, infertility, birth defects,  
XX premature aging, AIDS, cancer, or diabetic complications. The nucleic  
XX acids are useful as hybridisation probes, in chromosome and gene mapping,  
XX and in generating antisense RNA or DNA. The polypeptides are useful as  
XX pharmaceuticals, diagnostics, biosensors or bioreactors. Both are useful  
XX in tissue typing. This is the amino acid sequence of a novel human  
XX secreted and transmembrane PRO polypeptide  
XX  
XX Sequence 323 AA;  
XX  
XX Query Match 100.0%; Score 1694; DB 6; Length 323;  
XX Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
XX  
XX 1 MAAPKGLWRTOLGPPPLLLLNALGSGGTASAEAFDSVIGDTASCHRAQLTYPLHT 60  
XX  
XX 1 MAAPKGLWRTOLGPPPLLLLNALGSGGTASAEAFDSVIGDTASCHRAQLTYPLHT 60  
XX

QY 61 YPKBELVACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120  
DB 61 YPKBELVACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120  
QY 121 LPFAELROBQLMSLMPKXHLFPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKLVIF 180  
DB 121 LPFAELROBQLMSLMPKXHLFPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKLVIF 180  
QY 181 QSKPRIQYAPHLEQEPFTNLRSSLSKMSYLOVRNSQAHRNFLEDSGDFLRCLSLNSGW 240  
DB 181 QSKPRIQYAPHLEQEPFTNLRSSLSKMSYLOVRNSQAHRNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
RESULT 16  
ABU66705  
ID ABU66705 standard; protein; 323 AA.  
XX AC ABU66705;  
XX AC ABU66705;  
XX DT 23-MAY-2003 (first entry)  
XX DE Human PRO polypeptide #136.  
XX KW Human; PRO polypeptide; secreted and transmembrane protein;  
XX tumor necrosis factor-alpha; TNF-alpha; blood; proliferation;  
XX differentiation; chondrocyte; tumour; genetic disorder; cytostatic.  
XX OS Homo sapiens.  
XX XX  
XX US2003036180-A1.  
XX 20-FEB-2003.  
XX  
XX 09-MAY-2002; 2002US-00143114.  
XX 31-MAR-1997; 97WO-US005230.  
XX 12-JUN-1998; 98WO-US012456.  
XX 14-JUL-1998; 98WO-US014552.  
XX 28-AUG-1998; 98WO-US017888.  
XX 10-SEP-1998; 98WO-US018824.  
XX 14-SEP-1998; 98WO-US019093.  
XX 14-SEP-1998; 98WO-US019094.  
XX 14-SEP-1998; 98WO-US019177.  
XX 16-SEP-1998; 98WO-US019330.  
XX 17-SEP-1998; 98WO-US019437.  
XX 07-OCT-1998; 98WO-US021141.  
XX 29-OCT-1998; 98WO-US022991.  
XX 29-OCT-1998; 98WO-US022992.  
XX 01-DEC-1998; 98WO-US024855.  
XX 05-JAN-1999; 99WO-US000106.  
XX 08-MAR-1999; 99WO-US005028.  
XX 10-MAR-1999; 99WO-US005190.  
XX 20-APR-1999; 99WO-US008615.  
XX 14-MAY-1999; 99WO-US010733.  
XX 02-JUN-1999; 99WO-US012252.  
XX 01-SEP-1999; 99WO-US020111.  
XX 08-SEP-1999; 99WO-US020594.  
XX 13-SEP-1999; 99WO-US020944.  
XX 15-SEP-1999; 99WO-US021090.  
XX 15-SEP-1999; 99WO-US021547.  
XX 05-OCT-1999; 99WO-US023089.  
XX 29-NOV-1999; 99WO-US028214.  
XX 30-NOV-1999; 99WO-US028313.



30-NOV-1999; 99WO-US028409.  
01-DEC-1999; 99WO-US028301.  
01-DEC-1999; 99WO-US028634.  
02-DEC-1999; 99WO-US028551.  
02-DEC-1999; 99WO-US028565.  
06-DEC-1999; 99WO-US030095.  
20-DEC-1999; 99WO-US030911.  
20-DEC-1999; 99WO-US030999.  
22-DEC-1999; 99WO-US030720.  
30-DEC-1999; 99WO-US031243.  
30-DEC-1999; 99WO-US031274.  
05-JAN-2000; 2000WO-US000219.  
06-JAN-2000; 2000WO-US000277.  
06-JAN-2000; 2000WO-US000376.  
11-FEB-2000; 2000WO-US003565.  
18-FEB-2000; 2000WO-US004341.  
18-FEB-2000; 2000WO-US004342.  
22-FEB-2000; 2000WO-US004414.  
24-FEB-2000; 2000WO-US004914.  
24-FEB-2000; 2000WO-US005004.  
01-MAR-2000; 2000WO-US005601.  
02-MAR-2000; 2000WO-US005746.  
02-MAR-2000; 2000WO-US005841.  
15-MAR-2000; 2000WO-US006319.  
20-MAR-2000; 2000WO-US006884.  
21-MAR-2000; 2000WO-US007377.  
30-MAR-2000; 2000WO-US007532.  
17-MAY-2000; 2000WO-US008439.  
22-MAY-2000; 2000WO-US013705.  
30-MAY-2000; 2000WO-US014042.  
30-MAY-2000; 2000WO-US014541.  
02-JUN-2000; 2000WO-US015264.  
28-JUL-2000; 2000WO-US020710.  
11-AUG-2000; 2000WO-US020710.  
23-AUG-2000; 2000WO-US023522.  
24-AUG-2000; 2000WO-US023328.  
08-NOV-2000; 2000WO-US030952.  
01-DEC-2000; 2000WO-US030873.  
01-DEC-2000; 2000WO-US032678.  
20-DEC-2000; 2000US-00747259.  
20-DEC-2000; 2000WO-US034956.  
28-FEB-2001; 2001US-00796498.  
28-FEB-2001; 2001WO-US006520.  
01-MAR-2001; 2001WO-US006566.  
09-MAR-2001; 2001US-00802706.  
14-MAR-2001; 2001US-00808689.  
22-MAR-2001; 2001US-00816744.  
05-APR-2001; 2001US-00828366.  
10-MAY-2001; 2001US-00854208.  
10-MAY-2001; 2001US-00854280.  
18-MAY-2001; 2001US-00860216.  
25-MAY-2001; 2001US-00866028.  
25-MAY-2001; 2001US-00866034.  
01-JUN-2001; 2001US-00871792.  
01-JUN-2001; 2001US-00872035.  
01-JUN-2001; 2001WO-US017800.  
05-JUN-2001; 2001US-00874503.  
14-JUN-2001; 2001US-00882636.  
19-JUN-2001; 2001US-00886342.  
20-JUN-2001; 2001WO-US019692.  
21-JUN-2001; 2001US-00887879.  
22-JUN-2001; 2001WO-US020116.  
29-JUN-2001; 2001WO-US021066.  
09-JUL-2001; 2001WO-US021735.  
18-JUL-2001; 2001US-00908827.  
06-AUG-2001; 2001US-00924419.  
09-AUG-2001; 2001US-00927796.  
16-AUG-2001; 2001US-00931836.  
19-DEC-2001; 2001US-00028072.  
(GETH ) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
DR WPI; 2003-332040/31.  
XX N-FSDB; AC03738.  
XX  
PT New secreted and transmembrane PRO nucleic acids, useful for gene  
PT therapy, in chromosome and gene mapping, as chromosome markers, in tissue  
PT typing, and in chromosome identification.  
XX  
PS Claim 12; Fig 272; 660pp; English.  
XX  
CC The present invention relates to the isolation of novel human PRO  
CC polypeptides, and the polynucleotide sequences encoding them. The PRO  
CC polypeptides are secreted and transmembrane proteins. The PRO  
CC polypeptides are useful for detecting other PRO polypeptides, for linking  
CC biactive molecules to cells expressing PRO polypeptides, and for modulating  
CC biological activities of cells expressing PRO polypeptides, and for  
CC identifying agonists or antagonists. The PRO polypeptides are useful for  
CC for stimulating the release of tumour necrosis factor (TNF)-alpha from  
CC human blood, for stimulating the proliferation or differentiation of  
CC chondrocytes, and detecting the presence of tumours. The polynucleotide  
CC sequences encoding PRO polypeptides are useful as hybridisation probes,  
CC in chromosome and gene mapping, in the generation of antisense RNA and  
CC DNA, in the preparation of PRO polypeptides, for generating transgenic  
CC animals or knockout animals, for the genetic analysis of individuals with  
CC genetic disorders, and in gene therapy. ABUS6570-ABUS6844 represent the  
CC human PRO polypeptides of the invention. Note: The sequence data for this  
CC patent was obtained in electronic format directly from the USPTO web site  
CC at seqdata.uspto.gov/psipdIDEntry.html  
XX  
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5-se-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWVETQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSILWVETQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKKEELYACQCGCLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKKEELYACQCGCLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPFAELRQELMSLMPKXHLPLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKXHLPLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLQEPNTLRESLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQEPNTLRESLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWICCATVATVATVATVATVATVATVATVATVATVATVATVATVATV 300  
DB 241 ILTTTLVLSVWLLWICCATVATVATVATVATVATVATVATVATVATVATVATVATVATV 300  
QY 301 SKTDEHREAGPLPTKVNLAHSEI 323  
DB 301 SKTDEHREAGPLPTKVNLAHSEI 323

RESULT 17  
ABUS4921  
ID ABUS4921 standard; protein; 323 AA.  
XX  
AC ABUS4921;  
XX  
DT 12-AUG-2003 (first entry)  
XX  
DE Human secreted and transmembrane polypeptide PRO195.  
XX

KW Human; thrombolytic agent; interferon; interleukin; cytokines;  
KW erythropoietin; colony stimulating factor; cancer; colorectal carcinoma;  
KW apoptosis related condition; AIDS; amyotrophic lateral sclerosis;  
KW inflammatory disease; asthma; atherosclerosis; neurodegenerative disease;  
KW gastrointestinal disorder; Alzheimer's disease; Parkinson's disease;  
KW hypertension; myocardial ischaemia; kidney disease; carcinogenesis;  
KW glomerulonephritis; lung disease; pulmonary hypertension; preclampsia;  
KW bronchial asthma; gastric ulcer; renal failure; cardiovascular disease;  
KW inflammatory bowel disease; reproductive disorder; premature labour.  
XX  
XX Homo sapiens. OS  
XX US2002177553-A1. PN  
XX 28-NOV-2002. PD  
XX 15-OCT-2001; 2001US-00978192. PF  
XX 17-OCT-1997; 97US-0062250P. PR  
XX 03-NOV-1997; 97US-0064249P. PR  
XX 13-NOV-1997; 97US-0065311P. PR  
XX 21-NOV-1997; 97US-0066364P. PR  
XX 10-MAR-1998; 98US-0077632P. PR  
XX 11-MAR-1998; 98US-0077632P. PR  
XX 11-MAR-1998; 98US-0077641P. PR  
XX 11-MAR-1998; 98US-0077649P. PR  
XX 12-MAR-1998; 98US-0077791P. PR  
XX 13-MAR-1998; 98US-0078004P. PR  
XX 17-MAR-1998; 98US-00040220. PR  
XX 20-MAR-1998; 98US-0078886P. PR  
XX 20-MAR-1998; 98US-0078910P. PR  
XX 20-MAR-1998; 98US-0078936P. PR  
XX 20-MAR-1998; 98US-0078939P. PR  
XX 25-MAR-1998; 98US-0079294P. PR  
XX 26-MAR-1998; 98US-0079656P. PR  
XX 26-MAR-1998; 98US-0079663P. PR  
XX 27-MAR-1998; 98US-0079664P. PR  
XX 27-MAR-1998; 98US-0079689P. PR  
XX 27-MAR-1998; 98US-0079728P. PR  
XX 27-MAR-1998; 98US-0079786P. PR  
XX 30-MAR-1998; 98US-0079920P. PR  
XX 30-MAR-1998; 98US-0079923P. PR  
XX 26-JUN-1998; 98US-00105413. PR  
XX 07-OCT-1998; 98US-00168978. PR  
XX 07-OCT-1998; 98US-00211141. PR  
XX 02-NOV-1998; 98US-00184216. PR  
XX 06-NOV-1998; 98US-00187368. PR  
XX 20-NOV-1998; 98US-00248555. PR  
XX 07-DEC-1998; 98US-00202054. PR  
XX 22-DEC-1998; 98US-00218517. PR  
XX 05-JAN-1999; 99US-00000106. PR  
XX 05-MAR-1999; 99US-00254465. PR  
XX 08-MAR-1999; 99US-00005028. PR  
XX 10-MAR-1999; 99US-00265686. PR  
XX 10-MAR-1999; 99US-00005190. PR  
XX 12-MAR-1999; 99US-00267213. PR  
XX 12-APR-1999; 99US-00284291. PR  
XX 14-MAY-1999; 99US-00311832. PR  
XX 14-MAY-1999; 99US-00310733. PR  
XX 02-JUN-1999; 99US-0012252. PR  
XX 25-AUG-1999; 99US-00380137. PR  
XX 25-AUG-1999; 99US-00380138. PR  
XX 25-AUG-1999; 99US-00380142. PR  
XX 30-NOV-1999; 99US-00283213. PR  
XX 02-DEC-1999; 99US-00285551. PR  
XX 02-DEC-1999; 99US-00285551. PR  
XX 16-DEC-1999; 99US-00300095. PR  
XX 30-DEC-1999; 99US-00301243. PR  
XX 05-JAN-1999; 99US-00311274. PR  
XX 05-JAN-1999; 99US-00311274. PR  
XX 06-JAN-2000; 2000US-00002719. PR  
XX 06-JAN-2000; 2000US-00002719. PR  
XX 11-FEB-2000; 2000US-00003576. PR  
XX 11-FEB-2000; 2000US-00003576. PR

PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001US-0019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
XX  
XX (GETH ) GENENTECH INC.  
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
XX Ferrara N, Filvarcuff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
XX Kljavin LJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
XX Stewart TA, Tumas D, Williams FW, Wood WI;  
XX MPI; 2003-328499/31.  
XX N-PSDB; ACA71903.  
XX  
XX New isolated PRO polypeptides e.g. PRO213, PRO274 and PRO300, for use as  
XX pharmaceuticals, diagnostics, biosensors and bioreactors, for identifying  
XX modulators of receptor-ligand interactions.  
XX  
XX Claim 12; SEQ ID NO 330; 55pp; English.  
XX  
XX The invention relates to an isolated secreted and transmembrane  
XX polypeptide, designated as PRO polypeptide. The PRO polypeptide is useful  
XX in PRO polypeptide detection methods. The PRO polypeptide is useful for  
XX linking a bioactive molecule to a cell. The PRO polypeptide or an  
XX antibody against it is useful for modulating a biological activity of a  
XX cell. The PRO polypeptide is useful in industrial applications including  
XX pharmaceuticals, diagnostics, biosensors and bioreactors. The PRO  
XX polypeptide is also useful as a thrombolytic agent, interferon,  
XX interleukin, erythropoietin, colony stimulating factor and other  
XX cytokines. The PRO polypeptide is useful for treating disease such as  
XX cancer e.g. colorectal carcinoma; apoptosis related conditions e.g. AIDS,  
XX amyotrophic lateral sclerosis; inflammatory disease e.g. asthma,  
XX atherosclerosis; neurodegenerative disease e.g. Alzheimer's disease,  
XX Parkinson's disease; cardiovascular disease e.g. hypertension and  
XX myocardial ischaemia; kidney disease e.g. renal failure and  
XX glomerulonephritis; lung disease e.g. pulmonary hypertension, bronchial  
XX asthma; gastrointestinal disorders e.g. gastric ulcer and inflammatory  
XX bowel disease; reproductive disorders e.g. premature labour and  
XX preclampsia; carcinogenesis. The present sequence represents the amino  
XX acid sequence of a PRO polypeptide of the invention. Note: The sequence  
XX data for this patent did not form part of the printed specification but  
XX was obtained in electronic format directly from USPTO at



PR	01-JUN-2001;	2001US-00872035.	
PR	01-JUN-2001;	2001WO-US017800.	
PR	05-JUN-2001;	2001US-00874503.	
PR	14-JUN-2001;	2001US-00882636.	
PR	19-JUN-2001;	2001US-00886342.	
PR	20-JUN-2001;	2001US-0019692.	
PR	21-JUN-2001;	2001WO-00867879.	
PR	22-JUN-2001;	2001WO-US020116.	
PR	29-JUN-2001;	2001WO-US021066.	
PR	09-JUL-2001;	2001WO-US021735.	
PR	18-JUL-2001;	2001US-00908827.	
PR	06-AUG-2001;	2001US-00924419.	
PR	09-AUG-2001;	2001US-00927796.	
PR	16-AUG-2001;	2001US-00931836.	
PR	19-DEC-2001;	2001US-00028072.	
XX			
PA	(GETH ) GENENTECH INC.		
XX			
PI	Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;		
PI	Garritsen KE, Goddard A, Godowski FJ, Gurney AL, Sherwood S;		
PI	Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;		
XX			
DR	WPI; 2003-148238/14.		
DR	N-PSDB; ABX89276.		
XX			
PT	Two hundred and seventy five nucleic acids encoding PRO polypeptides,		
PT	useful for treating pericyte-associated tumors, diabetes and various bone		
PT	and/or cartilage disorders, e.g. arthritis.		
XX			
PS	Claim 12; Fig 272; 659pp; English.		
XX			
CC	The invention describes an isolated human PRO polypeptide. The PRO		
CC	polypeptides are useful in detecting PRO polypeptides in a sample, in		
CC	linking a bioactive molecule to a cell expressing a PRO polypeptide, and		
CC	in modulating at least one biological activity of a cell expressing a PRO		
CC	polypeptide. PRO1312 stimulates hypertrophy of neonatal heart and is thus		
CC	useful for treating cardiac insufficiency disorders. PRO1154 and PRO1186		
CC	stimulate adrenal cortical capillary endothelial growth, and PRO536,		
CC	PRO943, PRO828, PRO1068 or PRO535, PRO826, PRO819, PRO1126,		
CC	PRO1360 and PRO1387 induce c-fos in endothelial cells, and are thus		
CC	useful for treating conditions or disorders where angiogenesis would be		
CC	beneficial, e.g. wound healing and antagonism of this polypeptide are		
CC	useful for treating cancerous tumors. PRO812 inhibits vascular		
CC	endothelial growth factor (VEGF) stimulated proliferation of endothelial		
CC	cells and is thus useful for inhibiting endothelial cell growth in		
CC	mammals which would be beneficial in inhibiting tumour growth. PRO826,		
CC	PRO1068, PRO1184, PRO1346 and PRO1375 stimulate proliferation of		
CC	stimulated T-lymphocytes and are therapeutically useful for enhancing		
CC	immune response. PRO828, PRO826, PRO1068 or PRO132 enhance survival of		
CC	retinal neurons cells (PRO132 is also enhances survival/proliferation of		
CC	rod photoreceptor cells) and therefore are useful for treating retinal		
CC	disorders of injuries, e.g. retinitis pigmentosa, AMD. PRO819, PRO813		
CC	and PRO1066 induce proliferation of mammalian kidney mesangial cells,		
CC	and therefore are useful for treating kidney disorders associated with		
CC	decreased mesangial cell function such as Berger disease or other		
CC	nephropathies associated with dermatitis, herpeticiformis or Crohn's		
CC	disease. PRO1310, PRO844, PRO1312, PRO1192 and PRO1387 induce the		
CC	proliferation and/or redifferentiation of chondrocytes in culture and are		
CC	thus useful for treating sports injuries, and arthritis. This is the		
CC	amino acid sequence of a novel human PRO protein		
XX			
SQ	Sequence 323 AA;		
	Query Match 100.0%; Score 1694; DB 6; Length 323;		
	Best Local Similarity 100.0%; Pred. No. 5.5e-167;		
	Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
QY	1 MAAPKSLVARTQLGPPPLLLLTALAGSGTASRAEAFDSVLGDTASCHRAQLTYPLH 60		
DB	1 MAAPKSLVARTQLGPPPLLLLTALAGSGTASRAEAFDSVLGDTASCHRAQLTYPLH 60		
QY	61 YPKKEELYACQRCGRIFSLICQFVDDGIDLNRKYLECSACTEAYSQSDEQYACHLGCQNO 120		

PR	02-NOV-1998;	98US-00184216.	PT	encoding them useful for treating cancer, kidney diseases, bone,
PR	06-NOV-1998;	98US-00187368.	PT	cartilage disorders and immune deficiencies.
PR	20-NOV-1998;	98WO-US024855.	XX	Claim 12; Fig 132; 459pp; English.
PR	07-DEC-1998;	98US-00202054.	PS	
PR	22-DEC-1998;	98US-00218517.	XX	
PR	05-JAN-1999;	99WO-US000106.	CC	The present invention relates to the isolation of novel human PRO
PR	08-MAR-1999;	99US-00254465.	CC	polypeptides, and the polynucleotide sequences encoding them. The PRO
PR	08-MAR-1999;	99WO-US005028.	CC	polypeptides are secreted and transmembrane proteins. The PRO
PR	10-MAR-1999;	99US-00265686.	CC	polypeptides are useful for detecting other PRO polypeptides, for linking
PR	10-MAR-1999;	99WO-US005190.	CC	bioactive molecules to cells expressing PRO polypeptides, for modulating
PR	12-APR-1999;	99US-00284291.	CC	biological activities of cells expressing PRO polypeptides, and for for
PR	14-MAY-1999;	99US-00311832.	CC	identifying agonists or antagonists. The bioactive molecule maybe a
PR	14-MAY-1999;	99WO-US010733.	CC	toxin, radiolabel or antibody, and causes apoptosis or death of the cell.
PR	02-JUN-1999;	99US-00312252.	CC	The PRO polypeptides are useful for treating immune disorders, diabetes
PR	25-AUG-1999;	99US-00380137.	CC	or hyper- or hypo-insulinaemia, cardiac insufficiency, nervous system
PR	25-AUG-1999;	99US-00380138.	CC	disorders, kidney disorders, bone and cartilage disorders or arthritis,
PR	25-AUG-1999;	99US-00380142.	CC	tumours, and wound healing. The polynucleotide sequences encoding PRO
PR	30-NOV-1999;	99WO-US028313.	CC	polypeptides are useful as hybridisation probes, in chromosome and gene
PR	02-DEC-1999;	99WO-US028551.	CC	mapping, in the generation of antisense RNA and DNA, in the preparation
PR	02-DEC-1999;	99WO-US028565.	CC	of PRO polypeptides, for generating transgenic animals or knockout
PR	16-DEC-1999;	99WO-US030095.	CC	animals, for the genetic analysis of individuals with genetic disorders,
PR	30-DEC-1999;	99WO-US031243.	CC	and in gene therapy. AB061071-AB061164 represent the human PRO
PR	30-DEC-1999;	99WO-US031274.	CC	polypeptides of the invention. Note: The sequence data for this patent
PR	05-JAN-2000;	2000WO-US000219.	CC	was obtained in electronic format directly from the USPTO web site at
PR	06-JAN-2000;	2000WO-US000277.	CC	seqdata.uspto.gov/psipediEntry.html
PR	06-JAN-2000;	2000WO-US000376.	XX	
PR	11-FEB-2000;	2000WO-US003565.	SQ	Sequence 323 AA;
PR	18-FEB-2000;	2000WO-US004341.		
PR	24-FEB-2000;	2000WO-US005094.		
PR	02-MAR-2000;	2000WO-US005841.		
PR	10-MAR-2000;	2000WO-US006319.		
PR	21-MAR-2000;	2000WO-US007532.		
PR	30-MAR-2000;	2000WO-US008439.		
PR	17-MAY-2000;	2000WO-US013705.		
PR	22-MAY-2000;	2000WO-US014042.		
PR	30-MAY-2000;	2000WO-US014941.		
PR	02-JUN-2000;	2000WO-US015264.		
PR	28-JUL-2000;	2000WO-US020710.		
PR	24-AUG-2000;	2000WO-US023328.		
PR	08-NOV-2000;	2000US-00709238.		
PR	27-NOV-2000;	2000US-00723749.		
PR	01-DEC-2000;	2000WO-US032678.		
PR	20-DEC-2000;	2000US-00747259.		
PR	20-DEC-2000;	2000WO-US034956.		
PR	28-FEB-2001;	2001WO-US006520.		
PR	22-MAR-2001;	2001US-00816744.		
PR	22-MAR-2001;	2001US-00816920.		
PR	22-MAR-2001;	2001WO-US009552.		
PR	10-MAY-2001;	2001US-00854208.		
PR	10-MAY-2001;	2001US-00854280.		
PR	25-MAY-2001;	2001WO-US017092.		
PR	01-JUN-2001;	2001US-00872035.		
PR	05-JUN-2001;	2001WO-US017800.		
PR	14-JUN-2001;	2001US-00874503.		
PR	19-JUN-2001;	2001US-00886342.		
PR	20-JUN-2001;	2001WO-US019692.		
PR	29-JUN-2001;	2001WO-US021066.		
PR	09-JUL-2001;	2001WO-US021735.		
PR	30-JUL-2001;	2001US-00918595.		
XX				
PA	(GETH ) GENENTECH INC.			
XX	Ashkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton D;			
PI	Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;			
PI	Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;			
PI	Klajavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;			
PI	Stewart TA, Tumas D, Williams PM, Wood WT;			
XX	WPI; 2003-288163/28.			
DR	N-PSDB; ABX92543.			
XX				
XX	Novel secreted and transmembrane polypeptides and polynucleotides			
PT				

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-157; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;

QY 1 MAAPKGSLSWVTRTQLGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQLGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEELIYACQRCGLPSICQFVDGIDINRTKLECSACTEAYSQSDQYACHLGCQNO 120  
DB 61 YPKEELIYACQRCGLPSICQFVDGIDINRTKLECSACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPFAELRQQLSLMPKMLLPFLTLVRSFWSMDMSAQSPITSSWTFLYQADGKIVIF 180  
DB 121 LPFAELRQQLSLMPKMLLPFLTLVRSFWSMDMSAQSPITSSWTFLYQADGKIVIF 180  
QY 181 QSKPIQIYAPHLEQEPYTLNRESLSKMSYLQWRNSQAHNRFLEDESGDFLRCLSLNSGW 240  
DB 181 QSKPIQIYAPHLEQEPYTLNRESLSKMSYLQWRNSQAHNRFLEDESGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLIICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLIICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEERAGPLPTKVNLAHSEI 323

RESULT 20  
AB024976  
ID ABO24976 standard; protein; 323 AA.  
XX AC ABO24976;  
XX XX 05-SEP-2003 (first entry)  
XX DE Human secreted/transmembrane protein (PRO) #136.  
XX KW Human; PRO; secreted protein; transmembrane protein; tumour; cytostatic;  
KW gene therapy; tumour necrosis factor-alpha; TNF-alpha; blood;  
KW proteoglycan; cartilage; cytokine; peripheral blood mononuclear cell;  
KW BMMC; Glucose uptake; PFA; skeletal muscle cell; adipocyte cell;  
KW chondrocyte cell proliferation; chondrocyte cell differentiation;  
KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;

endothelial cell; A-peptide; factor VIIA.

Homo sapiens.

US2603036179-A1.

20-FEB-2003.

10-MAY-2002; 2002US-00142431.

31-MAR-1997; 97WO-US005230.

12-JUN-1998; 98WO-US012456.

14-JUL-1998; 98WO-US014552.

28-AUG-1998; 98WO-US017808.

10-SEP-1998; 98WO-US018824.

14-SEP-1998; 98WO-US019093.

14-SEP-1998; 98WO-US019094.

14-SEP-1998; 98WO-US019177.

17-SEP-1998; 98WO-US019437.

29-OCT-1998; 98WO-US022991.

29-OCT-1998; 98WO-US022992.

29-OCT-1998; 98WO-US024855.

01-DEC-1998; 98WO-US025108.

08-MAR-1999; 99WO-US000106.

10-MAR-1999; 99WO-US005190.

20-APR-1999; 99WO-US008615.

14-MAY-1999; 99WO-US010733.

01-SEP-1999; 99WO-US012252.

08-SEP-1999; 99WO-US020594.

15-SEP-1999; 99WO-US020944.

15-SEP-1999; 99WO-US021547.

05-OCT-1999; 99WO-US023089.

29-NOV-1999; 99WO-US028214.

30-NOV-1999; 99WO-US028313.

30-NOV-1999; 99WO-US028409.

01-DEC-1999; 99WO-US028301.

01-DEC-1999; 99WO-US028634.

02-DEC-1999; 99WO-US028551.

02-DEC-1999; 99WO-US028564.

02-DEC-1999; 99WO-US028565.

16-DEC-1999; 99WO-US030095.

20-DEC-1999; 99WO-US030911.

20-DEC-1999; 99WO-US030999.

22-DEC-1999; 99WO-US030720.

30-DEC-1999; 99WO-US031243.

30-DEC-1999; 99WO-US031274.

05-JAN-2000; 2000WO-US000219.

06-JAN-2000; 2000WO-US000277.

11-FEB-2000; 2000WO-US000376.

18-FEB-2000; 2000WO-US003565.

18-FEB-2000; 2000WO-US004341.

18-FEB-2000; 2000WO-US004342.

24-FEB-2000; 2000WO-US004414.

24-FEB-2000; 2000WO-US004914.

24-FEB-2000; 2000WO-US005004.

01-MAR-2000; 2000WO-US005601.

02-MAR-2000; 2000WO-US005746.

10-MAR-2000; 2000WO-US005841.

10-MAR-2000; 2000WO-US006319.

20-MAR-2000; 2000WO-US007377.

20-MAR-2000; 2000WO-US007532.

30-MAR-2000; 2000WO-US008439.

17-MAY-2000; 2000WO-US013705.

20-MAY-2000; 2000WO-US014042.

30-MAY-2000; 2000WO-US014941.

02-JUN-2000; 2000WO-US015264.

28-JUL-2000; 2000WO-US020710.

PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US010952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 23-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.

(GETH ) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Silvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski FJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;

WPI; 2003-466355/44.

N-PSDB; ACD41930.

New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or  
PRO4978, useful in molecular biology, chromosome and gene mapping, in  
generating antisense RNA and DNA, and in gene therapy.

Claim 12; Fig 272; 659pp; English.

The invention relates to an isolated nucleic acid comprising at least 80%  
sequence identity to a PRO (secreted and transmembrane protein) cDNA  
comprising a nucleic acid (a) encoding a PRO polypeptide, or its  
extracellular domain (with or without its associated signal peptide),  
which comprises any of the 275 120-850 residue amino acid sequences,  
given in the specification; (b) comprising any of the 275 300-3500  
nucleotide sequences, given in the specification; or (c) comprising the  
full-length coding sequence of the nucleotide sequences given in the  
specification, or of the DNA deposited under any of the American Type  
Culture Collection (ATCC) Accession Numbers listed in the specification.  
Also included are a vector comprising the novel nucleic acid, a host cell  
comprising the vector, producing a PRO polypeptide, the isolated PRO  
polypeptides detailed above, a chimeric amino acid sequence, an anti-PRO  
polypeptide of fused to a heterologous amino acid sequence, containing a  
antibody, detecting a PRO polypeptide in a sample suspected of containing a  
the PRO polypeptide, linking a bioactive molecule to a cell expressing a  
PRO polypeptide, modulating at least one biological activity of a cell  
expressing a PRO polypeptide, stimulating the release of tumour necrosis  
factor-alpha (TNF-alpha) from human blood, for proteoglycans from  
cartilage or cytokine from peripheral blood mononuclear cells (PBMC)),  
modulating the uptake of glucose or FFA by skeletal muscle cells or

adipocyte cells, stimulating the proliferation or differentiation of  
chondrocyte cells for proliferation of or gene expression in pericyte  
cells), stimulating the proliferation of inner ear utricular supporting  
cells (or of r-lymphocyte cells, or of endothelial cells), inhibiting the  
binding of A-peptide to factor viia, or differentiation of adipocyte  
cells, detecting the presence of a tumour in a mammal and an  
oligonucleotide probe derived from any of the nucleotide sequences given  
in the specification. The polynucleotide is useful in molecular biology,  
including uses as hybridisation probes, in chromosome and gene mapping,  
in generating antisense RNA and DNA, and in gene therapy. The  
polynucleotide may also be used in preparing PRO polypeptides by  
recombinant techniques, and in generating either transgenic animals or  
knock-out animals which, in turn, are useful in the development and  
screening of therapeutically useful reagents. The PRO polypeptide or the  
antibody is used in preparing a medicament for treating a condition  
responsive to the polypeptide or antibody, such as tumours, and in  
various diagnostic assays. The present sequence represents a PRO  
polypeptide

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKGSILWRTQGLPPLLLTLALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
1 MAAPKGSILWRTQGLPPLLLTLALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
61 YPKREELVACORGRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLSCQ 120  
61 YPKREELVACORGRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLSCQ 120  
121 LPFAELRQELMSLMPKMLLPFLTVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVP 180  
121 LPFAELRQELMSLMPKMLLPFLTVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVP 180  
181 QSKPEIQVAPHLQEPNLESSSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQVAPHLQEPNLESSSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVNVLLWICCATVATAVEQVPSEKLSIYGDLEFNMQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVNVLLWICCATVATAVEQVPSEKLSIYGDLEFNMQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGLPKVLNLAHSEI 323  
301 SKTEDHEEAGLPKVLNLAHSEI 323

RESULT 21  
ABU80388 standard; protein; 323 AA.  
AC ABU80388;  
DE 24-JUN-2003 (first entry)  
DE Human secreted/transmembrane protein PRO195.  
KW Human; secreted protein; transmembrane protein; PRO; malignancy; cancer;  
KW ovarian cancer; colorectal cancer; sarcoma; leukaemia; lymphoma;  
KW inflammatory disease; necrosis; atherosclerosis; infertility;  
KW premature aging; psoriasis; inflammatory disease; renal disease;  
KW arthritis; immune-mediated alopecia; stroke; encephalitis; hepatitis;  
KW multiple sclerosis; gene therapy.  
JS Homo sapiens.  
XX US2003004102-A1.  
PN 02-JAN-2003.  
PD 02-JAN-2003.  
XX

15-OCT-2001; 2001US-00978189.  
17-OCT-1997; 97US-0062250P.  
03-NOV-1997; 97US-0064249P.  
13-NOV-1997; 97US-0065311P.  
21-NOV-1997; 97US-0066364P.  
10-MAR-1998; 98US-0077450P.  
11-MAR-1998; 98US-0077632P.  
11-MAR-1998; 98US-0077641P.  
11-MAR-1998; 98US-0077649P.  
12-MAR-1998; 98US-0077791P.  
13-MAR-1998; 98US-0078004P.  
17-MAR-1998; 98US-00040220.  
20-MAR-1998; 98US-0078886P.  
20-MAR-1998; 98US-0078910P.  
20-MAR-1998; 98US-0078936P.  
20-MAR-1998; 98US-0078939P.  
25-MAR-1998; 98US-0079294P.  
26-MAR-1998; 98US-0079656P.  
27-MAR-1998; 98US-0079663P.  
27-MAR-1998; 98US-0079664P.  
27-MAR-1998; 98US-0079689P.  
27-MAR-1998; 98US-0079728P.  
27-MAR-1998; 98US-0079786P.  
30-MAR-1998; 98US-0079920P.  
30-MAR-1998; 98US-0079923P.  
26-JUN-1998; 98US-00105413.  
07-OCT-1998; 98US-00168978.  
07-OCT-1998; 98WO-US021141.  
02-NOV-1998; 98US-00184216.  
06-NOV-1998; 98US-00187368.  
20-NOV-1998; 98WO-US024855.  
07-DEC-1998; 98US-00202054.  
22-DEC-1998; 98US-00218517.  
05-JAN-1999; 99WO-US000106.  
05-MAR-1999; 99US-00254465.  
08-MAR-1999; 99WO-US005028.  
10-MAR-1999; 99US-00265686.  
10-MAR-1999; 99WO-US005190.  
12-MAR-1999; 99US-00267213.  
12-APR-1999; 99US-00284291.  
14-MAY-1999; 99US-00311832.  
14-MAY-1999; 99WO-US010733.  
02-JUN-1999; 99WO-US012252.  
25-AUG-1999; 99US-00380137.  
25-AUG-1999; 99US-00380138.  
25-AUG-1999; 99US-00380142.  
30-NOV-1999; 99WO-US028513.  
02-DEC-1999; 99WO-US028551.  
02-DEC-1999; 99WO-US028565.  
30-DEC-1999; 99WO-US031243.  
05-JAN-2000; 99WO-US031274.  
05-JAN-2000; 2000WO-US000219.  
06-JAN-2000; 2000WO-US000377.  
06-JAN-2000; 2000WO-US000376.  
11-FEB-2000; 2000WO-US003565.  
18-FEB-2000; 2000WO-US004341.  
24-FEB-2000; 2000WO-US005004.  
01-MAR-2000; 2000WO-US005601.  
02-MAR-2000; 2000WO-US005841.  
10-MAR-2000; 2000WO-US006319.  
21-MAR-2000; 2000WO-US007532.  
30-MAR-2000; 2000WO-US008439.  
17-MAY-2000; 2000WO-US013705.  
22-MAY-2000; 2000WO-US014042.  
30-MAY-2000; 2000WO-US014941.  
02-JUN-2000; 2000WO-US015264.  
28-JUL-2000; 2000WO-US020710.  
24-AUG-2000; 2000WO-US023328.  
08-NOV-2000; 2000US-00709238.  
10-NOV-2000; 2000WO-US030873.  
27-NOV-2000; 2000US-00723749.  
PR

PR	01-DEC-2000;	2000FO-US032678.	
PR	20-DEC-2000;	2000US-00747259.	
PR	20-DEC-2000;	2000WO-US034956.	
PR	28-FEB-2001;	2001WO-US006520.	
PR	22-MAR-2001;	2001US-00816744.	
PR	22-MAR-2001;	2001US-00816920.	
PR	22-MAR-2001;	2001WO-US009552.	
PR	10-MAY-2001;	2001US-00854208.	
PR	10-MAY-2001;	2001US-00854280.	
PR	25-MAY-2001;	2001WO-US017092.	
PR	01-JUN-2001;	2001US-00872035.	
PR	01-JUN-2001;	2001WO-US017800.	
PR	05-JUN-2001;	2001US-00874503.	
PR	14-JUN-2001;	2001US-00882636.	
PR	19-JUN-2001;	2001US-00886342.	
PR	20-JUN-2001;	2001WO-US019692.	
PR	29-JUN-2001;	2001WO-US021066.	
PR	09-JUL-2001;	2001WO-US021735.	
PR	30-JUL-2001;	2001US-00918585.	
XX	(GETH ) GENIENTECH INC.		
XX			
PI	Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;		
PI	Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;		
PI	Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ, Shelton DL;		
PI	Klavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Stewart DL;		
PI	Stewart JA, Tumas D, Williams PM, Wood WJ;		
XX			
DR	WPI; 2003-341189/32.		
DR	N-PSDB; ACA66284.		
XX			
PT	New genes and secreted and transmembrane polypeptides (e.g. PRO337 or		
PT	PRO1559), useful for treating or diagnosing e.g. cancers,		
PT	atherosclerosis, infertility, stroke, encephalitis, hepatitis or multiple		
PT	sclerosis in mammals.		
XX			
PS	Claim 12; Fig 132; 46opp; English.		
XX			
CC	The invention relates to a new isolated nucleic acid molecule comprising a		
CC	sequence with at least 80% identity to: (a) a nucleotide encoding any of		
CC	94 PRO polypeptides whose sequences are fully defined in the		
CC	specification; or (b) any of 94 nucleotide sequences fully defined in the		
CC	specification; or the full length coding sequence of any these 94		
CC	nucleotide sequences. Also included are an isolated PRO polypeptide		
CC	scoring at least 80% positives when compared to any of the PRO		
CC	polypeptide sequences cited above for an isolated PRO polypeptide having		
CC	at least 80% amino acid sequence identity to: (a) an amino acid sequence		
CC	encoded by the nucleotide deposited with ArCC numbers listed in the		
CC	specification; (b) the PRO polypeptide, lacking its associated signal		
CC	peptide; or (c) an extracellular domain of the PRO polypeptide, with or		
CC	lacking its associated signal peptide), a vector comprising the nucleic		
CC	acid molecule, a host cell comprising the vector (and producing a PRO		
CC	polypeptide), a chimeric molecule comprising the PRO polypeptide fused		
CC	to a heterologous amino acid sequence and an anti-PRO antibody. The PRO		
CC	polypeptides or polynucleotides are useful as pharmaceuticals,		
CC	diagnostics, biosensors or bioreactors. These are particularly useful for		
CC	detecting or treating e.g. malignancies or cancers (e.g. ovarian cancer,		
CC	colorectal cancer, sarcoma, leukemia or lymphoma), inflammatory disease,		
CC	necrosis, atherosclerosis, infertility, premature aging, psoriasis,		
CC	inflammatory disease, renal disease, arthritis, immune-mediated alopecia,		
CC	stroke, encephalitis, hepatitis, or multiple sclerosis in mammals. The		
CC	PRO polypeptides are useful in drug screening, particularly as targets		
CC	for therapeutic intervention in these diseases, and in the diagnostic		
CC	determination of the presence of these diseases. The PRO polypeptides are		
CC	also useful as molecular weight markers, or for chromosome		
CC	identification. The PRO genes are useful as hybridisation probes, or for		
CC	screening libraries of human cDNA, genomic DNA or mRNA. The PRO genes may		
CC	also be used in gene therapy, particularly for replacing a defective		
CC	gene. The present sequence represents a PRO polypeptide		
XX			
SQ	Sequence 323 AA;		
Query Match	100.0%;	Score 1694;	DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;			
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			
QY	1	MAAPKGSLSWVRVQLGPPILLTTLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT	60
Db	1	MAAPKGSLSWVRVQLGPPILLTTLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLAT	60
QY	61	YPKREELVACQRCGLFSLICQFVDDGIDINRTKLECEACTEAYSQSDQYACHLGCQVQ	120
Db	61	YPKREELVACQRCGLFSLICQFVDDGIDINRTKLECEACTEAYSQSDQYACHLGCQVQ	120
QY	121	LPFAELRQGLMSLAPKQHELLPPLTLVRSFWSMDMSAQSPITTSWTFLQADGKIYIF	180
Db	121	LPFAELRQGLMSLAPKQHELLPPLTLVRSFWSMDMSAQSPITTSWTFLQADGKIYIF	180
QY	181	QSKPEIQVAPHLEQEPNLRESLSKMSYLQVRNSQAHNFLEDGESDGLFCLTSINSGW	240
Db	181	QSKPEIQVAPHLEQEPNLRESLSKMSYLQVRNSQAHNFLEDGESDGLFCLTSINSGW	240
QY	241	ILTTTLVLSVGVLLMTCCATVATAVEQYVPSEKLSIYGDLEPMFQKLNRYPASSLVVVR	300
Db	241	ILTTTLVLSVGVLLMTCCATVATAVEQYVPSEKLSIYGDLEPMFQKLNRYPASSLVVVR	300
QY	301	SKTEDHEERAGPLPTKVNLAHSEI 323	
Db	301	SKTEDHEERAGPLPTKVNLAHSEI 323	
RESULT 22			
ABU66981			
ID	ABU66981 standard; protein; 323 AA.		
XX	AC ABU66981;		
XX	AC ABU66981;		
DT	27-MAY-2003 (first entry)		
XX	Human secreted/transmembrane, PRO, protein SEQ ID 272.		
XX	Human; secreted protein; transmembrane protein; PRO;		
KW	inflammatory disease; organ failure; atherosclerosis; cardiac injury;		
KW	infertility; birth defects; premature aging; AIDS; biosensor;		
KW	acquired immunodeficiency syndrome; cancer; diabetic complication;		
KW	bioreactor; tumour.		
XX	Homo sapiens.		
XX	OS US2003032155-A1.		
PN	13-FEB-2003.		
XX	03-MAY-2002; 2002US-00137865.		
PR	31-MAR-1997;	97WO-US005230.	
PR	12-JUN-1998;	98WO-US012456.	
PR	14-JUL-1998;	98WO-US014552.	
PR	28-AUG-1998;	98WO-US017888.	
PR	10-SEP-1998;	98WO-US018824.	
PR	14-SEP-1998;	98WO-US019093.	
PR	14-SEP-1998;	98WO-US019094.	
PR	14-SEP-1998;	98WO-US019177.	
PR	16-SEP-1998;	98WO-US019330.	
PR	17-SEP-1998;	98WO-US019437.	
PR	07-OCT-1998;	98WO-US021141.	
PR	29-OCT-1998;	98WO-US022351.	
PR	29-OCT-1998;	98WO-US022992.	
PR	20-NOV-1998;	98WO-US024855.	
PR	01-DEC-1998;	98WO-US025108.	
PR	05-JAN-1999;	98WO-US000106.	
PR	08-MAR-1999;	98WO-US005028.	
PR	10-MAR-1999;	98WO-US005190.	
PR	20-APR-1999;	98WO-US008615.	
PR	14-MAY-1999;	98WO-US010733.	
PR	02-JUN-1999;	98WO-US012252.	



01-SEP-1999; 99WO-US020111.  
 08-SEP-1999; 99WO-US020594.  
 13-SEP-1999; 99WO-US020944.  
 15-SEP-1999; 99WO-US021090.  
 15-SEP-1999; 99WO-US021547.  
 05-OCT-1999; 99WO-US023089.  
 29-NOV-1999; 99WO-US028214.  
 30-NOV-1999; 99WO-US028313.  
 30-NOV-1999; 99WO-US028409.  
 01-DEC-1999; 99WO-US028501.  
 01-DEC-1999; 99WO-US028534.  
 02-DEC-1999; 99WO-US028551.  
 02-DEC-1999; 99WO-US028564.  
 02-DEC-1999; 99WO-US028565.  
 20-DEC-1999; 99WO-US030095.  
 20-DEC-1999; 99WO-US030311.  
 20-DEC-1999; 99WO-US030399.  
 22-DEC-1999; 99WO-US030720.  
 30-DEC-1999; 99WO-US031243.  
 30-DEC-1999; 99WO-US031274.  
 05-JAN-2000; 2000WO-US000219.  
 06-JAN-2000; 2000WO-US000277.  
 06-JAN-2000; 2000WO-US000376.  
 11-FEB-2000; 2000WO-US003565.  
 18-FEB-2000; 2000WO-US004341.  
 18-FEB-2000; 2000WO-US004342.  
 22-FEB-2000; 2000WO-US004414.  
 24-FEB-2000; 2000WO-US004914.  
 01-MAR-2000; 2000WO-US005004.  
 01-MAR-2000; 2000WO-US005501.  
 02-MAR-2000; 2000WO-US005746.  
 02-MAR-2000; 2000WO-US005841.  
 10-MAR-2000; 2000WO-US006319.  
 15-MAR-2000; 2000WO-US006884.  
 20-MAR-2000; 2000WO-US007377.  
 21-MAR-2000; 2000WO-US007532.  
 30-MAR-2000; 2000WO-US008439.  
 17-MAY-2000; 2000WO-US013705.  
 22-MAY-2000; 2000WO-US014042.  
 30-MAY-2000; 2000WO-US014941.  
 28-JUN-2000; 2000WO-US015264.  
 28-JUN-2000; 2000WO-US020710.  
 11-AUG-2000; 2000WO-US022031.  
 23-AUG-2000; 2000WO-US023522.  
 24-AUG-2000; 2000WO-US023328.  
 08-NOV-2000; 2000WO-US030952.  
 10-NOV-2000; 2000WO-US030873.  
 01-DEC-2000; 2000WO-US032678.  
 20-DEC-2000; 2000US-00747259.  
 28-DEC-2000; 2000WO-US034956.  
 28-FEB-2001; 2001US-00796498.  
 28-FEB-2001; 2001WO-US006520.  
 01-MAR-2001; 2001WO-US006656.  
 09-MAR-2001; 2001US-00802706.  
 14-MAR-2001; 2001US-00806859.  
 22-MAR-2001; 2001US-00816744.  
 05-APR-2001; 2001US-00828366.  
 10-MAY-2001; 2001US-00854208.  
 10-MAY-2001; 2001US-00854280.  
 18-MAY-2001; 2001US-00860216.  
 25-MAY-2001; 2001US-00866028.  
 25-MAY-2001; 2001US-00866034.  
 25-MAY-2001; 2001WO-US017092.  
 01-JUN-2001; 2001US-00872035.  
 01-JUN-2001; 2001WO-US017800.  
 05-JUN-2001; 2001US-00874503.  
 14-JUN-2001; 2001US-00882636.  
 19-JUN-2001; 2001US-00886342.  
 20-JUN-2001; 2001WO-US019692.  
 21-JUN-2001; 2001US-00887879.  
 22-JUN-2001; 2001WO-US020116.  
 29-JUN-2001; 2001WO-US021066.  
 09-JUL-2001; 2001WO-US021735.  
 18-JUL-2001; 2001US-00908827.  
 06-AUG-2001; 2001US-00924419.  
 09-AUG-2001; 2001US-00927796.  
 16-AUG-2001; 2001US-00931836.  
 19-DEC-2001; 2001US-00028072.  
 (GETH ) GENENTECH INC.  
 Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 WPI; 2003-331925/31.  
 DR N-PSDB; ACA04159.  
 New secreted and transmembrane nucleic acids and polypeptides, designated  
 as PRO, useful for treating inflammation, organ failure, atherosclerosis,  
 cardiac injury, infertility, birth defects, premature aging, AIDS, or  
 cancer.  
 Claim 12; Fig 272; 659pp; English.  
 The invention relates to an isolated nucleic acid comprising, or which is  
 at least 80% identical to, or the full-length coding sequence of, any of  
 the 275 nucleotide sequences, encoding the corresponding PRO polypeptide  
 (one of 275 secreted or transmembrane proteins). The nucleic acid further  
 comprises the full-length coding sequence of the DNA deposited under  
 American Type Culture Collection (ATCC) accession number in a list given  
 in the specification. Also included are vectors and host cells for  
 producing PRO proteins, PRO fusion proteins, anti-PRO antibodies, PRO  
 extracellular domains and mature sequences, methods of detecting PRO  
 proteins, methods for stimulating the release of TNF-alpha (tumour  
 necrosis factor alpha) from human blood, (and the proliferation of  
 differentiation of chondrocyte cells, the release of proteoglycans from  
 expression in pericyte cells, the release of articular supporting cells, the  
 cartilage, proliferation of inner ear articular supporting cells, the  
 proliferation of T-lymphocyte cells, the release of a cytokine from  
 peripheral blood mononuclear cells (PBMC), or the proliferation of  
 endothelial cells), a method for modulating the uptake of glucose or free  
 fatty acid (FFA) by skeletal muscle cells, a method for inhibiting the  
 binding of A-peptide to factor VIIA, or the differentiation of adipocyte  
 cells, a method for detecting the presence of a tumour in a mammal and an  
 oligonucleotide probe derived from any of the nucleotide sequences cited  
 above. The nucleic acids and polypeptides are useful for treating  
 inflammatory diseases, organ failure, atherosclerosis, cardiac injury,  
 infertility, birth defects, premature aging, AIDS (acquired  
 immunodeficiency syndrome), cancer, or diabetic complications. The  
 nucleic acids are useful as hybridisation probes, in chromosome and gene  
 mapping, and in generating antisense RNA or DNA. The polypeptides are  
 useful as pharmaceuticals, diagnostics, biosensors or bioreactors. Both  
 are useful in tissue typing. The present sequence represents a PRO  
 protein of the invention  
 Sequence 323 AA;  
 Query Match 100.0%; Score 1694; DB 6; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKGLWVTRTQGLPPLILLTALAGGCTGAAGAFDSVLGDTASCHRAQCLTYPLRT 60  
 DB 1 MAAPKGLWVTRTQGLPPLILLTALAGGCTGAAGAFDSVLGDTASCHRAQCLTYPLRT 60  
 QY 61 YPKREELVACQRCGLFSGICQFVDDGIDLNKTKLECSACTEAYSQSDQVACHLGCNQ 120  
 DB 61 YPKREELVACQRCGLFSGICQFVDDGIDLNKTKLECSACTEAYSQSDQVACHLGCNQ 120  
 QY 121 LPFAELRQELMSLPRVHLLPPLTLVRSFWSMDMSAQSFITSSWTFLYQADGKIVIF 180  
 DB 121 LPFAELRQELMSLPRVHLLPPLTLVRSFWSMDMSAQSFITSSWTFLYQADGKIVIF 180  
 QY 181 QSKPEIQAPHLEQPTNLRESSLSKMSYLQKRSQAHNLFLEDGESGFLRCLSLNSGW 240

Db 181 QSKPEIOYAPHLEQETNLRESLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
Qy 241 ILTTVLVSMVLLWICCATVAFVQYVPSKLSIYGDLEPMNQKLNRYVPASSLVVVR 300  
Db 241 ILTTVLVSMVLLWICCATVAFVQYVPSKLSIYGDLEPMNQKLNRYVPASSLVVVR 300  
Qy 301 SKTDEHREAGPLPTKYNLAHSEI 323  
Db 301 SKTDEHREAGPLPTKYNLAHSEI 323  
RESULT 23  
ADA45791  
ID ADA45791 standard; protein; 323 AA.  
XX  
AC ADA45791;  
XX  
DT 20-NOV-2003 (first entry)  
XX  
DE Novel human secreted and transmembrane protein PRO195.  
XX  
KW Human; secreted and transmembrane protein; PRO;  
KW Tumour necrosis factor alpha release; TNF-alpha release;  
KW glucose uptake modulator; FFA uptake modulator;  
KW cell proliferation stimulator; cell differentiation stimulator;  
KW cell differentiation inhibitor; cytokine release stimulator; tumour;  
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
KW gene therapy; chromosome identification; chromosome marker.  
XX  
OS Homo sapiens.  
XX  
XX  
XX US2003022328-A1.  
XX  
XX 30-JAN-2003.  
XX  
XX 16-APR-2002; 2002US-00123904.  
XX  
XX 31-MAR-1997; 97WO-US005230.  
XX 12-JUN-1998; 98WO-US012456.  
XX 14-JUL-1998; 98WO-US014552.  
XX 28-AUG-1998; 98WO-US017888.  
XX 10-SEP-1998; 98WO-US018824.  
XX 14-SEP-1998; 98WO-US019093.  
XX 14-SEP-1998; 98WO-US019094.  
XX 14-SEP-1998; 98WO-US019177.  
XX 16-SEP-1998; 98WO-US019330.  
XX 17-SEP-1998; 98WO-US019437.  
XX 07-OCT-1998; 98WO-US021141.  
XX 29-OCT-1998; 98WO-US022991.  
XX 29-OCT-1998; 98WO-US022992.  
XX 20-NOV-1998; 98WO-US024855.  
XX 01-DEC-1998; 98WO-US025108.  
XX 05-JAN-1999; 99WO-US000106.  
XX 08-MAR-1999; 99WO-US005028.  
XX 10-MAR-1999; 99WO-US005190.  
XX 20-APR-1999; 99WO-US008615.  
XX 14-MAY-1999; 99WO-US010733.  
XX 02-JUN-1999; 99WO-US012252.  
XX 01-SEP-1999; 99WO-US020111.  
XX 08-SEP-1999; 99WO-US020594.  
XX 13-SEP-1999; 99WO-US020944.  
XX 15-SEP-1999; 99WO-US021090.  
XX 15-SEP-1999; 99WO-US021547.  
XX 05-OCT-1999; 99WO-US023089.  
XX 29-NOV-1999; 99WO-US028214.  
XX 30-NOV-1999; 99WO-US028313.  
XX 30-NOV-1999; 99WO-US028409.  
XX 01-DEC-1999; 99WO-US028301.  
XX 01-DEC-1999; 99WO-US028634.  
XX 02-DEC-1999; 99WO-US028551.  
XX 02-DEC-1999; 99WO-US028564.  
XX 02-DEC-1999; 99WO-US028565.

PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US000376.  
PR 18-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00806889.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
XX  
XX (GETH ) GENENTECH INC.  
XX  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-584997/55.  
XX N-PSDB; ADA45790.



CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC the proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems. PRO

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence represents a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from

CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

CC XX

CC SQ

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5,5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 50

Db 1 MAAPKGLWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPERELVACQRCRLFSICQFVDDGIDLNRLKLCESACTEAYSQSDQYACHLGCQNQ 120

Db 61 YPERELVACQRCRLFSICQFVDDGIDLNRLKLCESACTEAYSQSDQYACHLGCQNQ 120

Qy 121 LPPAELRQELMSLPMFKHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLDAGDKIVIF 180

Db 121 LPPAELRQELMSLPMFKHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLDAGDKIVIF 180

Qy 181 QSKPEIQYAPHLQRPNTLRBSLSKMSYLQWNSQAHNPLEDGEDSGDFLCLSLNSQW 240

Db 181 QSKPEIQYAPHLQRPNTLRBSLSKMSYLQWNSQAHNPLEDGEDSGDFLCLSLNSQW 240

Qy 241 ILATTVLVSVMVLLWICCATVATAVEQYVPESEKLSIYGLDFPMNBOKLNRYPASSLVVVR 300

Db 241 ILATTVLVSVMVLLWICCATVATAVEQYVPESEKLSIYGLDFPMNBOKLNRYPASSLVVVR 300

Qy 301 SKTEDHEAGPLFTKYNLAHSEI 323

Db 301 SKTEDHEAGPLFTKYNLAHSEI 323

RESULT 25

ADA18872

ID ADA18872 standard; protein; 323 AA.

XX

AC ADA18872;

XX

DT 20-NOV-2003 (first entry)

XX

DE Human PRO polypeptide #136.

XX

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX

KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell; lung;

XX

KW colon; breast; prostate; rectum; cervix; liver; tumour; cancer;

XX

KW glucose uptake; FFA; adipocyte cell; pericyte cell; proteoglycan;

XX

KW cartilage; inner ear utricular supporting cell; cytokine; A-peptide;

PR 24-FEB-2000; 2000WO-US005004.

PR 01-MAR-2000; 2000WO-US005601.

PR 02-MAR-2000; 2000WO-US005746.

PR 02-MAR-2000; 2000WO-US005841.

PR 10-MAR-2000; 2000WO-US006319.

PR 15-MAR-2000; 2000WO-US006884.

PR 20-MAR-2000; 2000WO-US007377.

PR 21-MAR-2000; 2000WO-US007532.

PR 30-MAR-2000; 2000WO-US008439.

PR 17-MAY-2000; 2000WO-US013705.

PR 22-MAY-2000; 2000WO-US014042.

PR 30-MAY-2000; 2000WO-US014941.

PR 02-JUN-2000; 2000WO-US015264.

PR 28-JUL-2000; 2000WO-US020710.

PR 11-AUG-2000; 2000WO-US020311.

PR 23-AUG-2000; 2000WO-US023522.

PR 24-AUG-2000; 2000WO-US023328.

PR 08-NOV-2000; 2000WO-US030952.

PR 10-NOV-2000; 2000WO-US030873.

PR 01-DEC-2000; 2000WO-US032678.

PR 20-DEC-2000; 2000US-00747259.

PR 20-DEC-2000; 2000WO-US034956.

PR 28-FEB-2001; 2001US-00796498.

PR 28-FEB-2001; 2001WO-US006520.

PR 01-MAR-2001; 2001WO-US006666.

PR 09-MAR-2001; 2001US-00802706.

PR 14-MAR-2001; 2001US-00808689.

PR 22-MAR-2001; 2001US-00815744.

PR 05-APR-2001; 2001US-00828366.

PR 10-MAY-2001; 2001US-00854208.

PR 10-MAY-2001; 2001US-00854280.

PR 18-MAY-2001; 2001US-00860216.

PR 25-MAY-2001; 2001US-00866028.

PR 25-MAY-2001; 2001US-00866034.

PR 25-MAY-2001; 2001WO-US037092.

PR 01-JUN-2001; 2001US-00872035.

PR 01-JUN-2001; 2001WO-US017800.

PR 05-JUN-2001; 2001US-00874503.

PR 14-JUN-2001; 2001US-00882636.

PR 19-JUN-2001; 2001US-00886342.

PR 20-JUN-2001; 2001WO-US019692.

PR 21-JUN-2001; 2001US-00887879.

PR 22-JUN-2001; 2001WO-US020116.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-JUL-2001; 2001WO-US021735.

PR 18-JUL-2001; 2001US-00908827.

PR 06-AUG-2001; 2001US-00924419.

PR 09-AUG-2001; 2001US-00927796.

PR 16-AUG-2001; 2001US-00931836.

PR 19-DEC-2001; 2001US-00028072.

PR XX

PR PA (GENTH ) GENENTECH INC.

XX

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX

XX WPI; 2003-687639/65.

XX

XX N-PSDB; ADA76221.

XX

XX New isolated nucleic acid encoding a secreted and transmembrane

XX

XX polypeptide, designated e.g. PRO1114 or PRO4978, useful in chromosome and

XX

XX gene mapping, in generating antisense RNA and DNA, and in gene therapy.

XX

XX Claim 12; Fig 272; 659pp; English.

XX

XX The invention relates to isolated human PRO polypeptides (secreted and

XX

XX transmembrane polypeptides) and the polynucleotides encoding them. The

XX

XX invention also relates to an antibody which specifically binds to a PRO

XX

XX polypeptide, a method for stimulating the release of tumour necrosis

XX

XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the

XX

XX proliferation or differentiation of chondrocyte cells and a method for

XX

XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

factor VIIA; endothelial cell.

Homo sapiens.

US2003054517-A1.

20-MAR-2003.

08-MAY-2002; 2002US-00141755.

31-MAR-1997; 97WO-US005230.

12-JUN-1998; 98WO-US012456.

14-JUL-1998; 98WO-US014552.

28-AUG-1998; 98WO-US017888.

10-SEP-1998; 98WO-US018824.

14-SEP-1998; 98WO-US019093.

14-SEP-1998; 98WO-US019094.

16-SEP-1998; 98WO-US019330.

17-SEP-1998; 98WO-US019437.

07-OCT-1998; 98WO-US021141.

29-OCT-1998; 98WO-US022991.

29-OCT-1998; 98WO-US022992.

01-DEC-1998; 98WO-US024855.

05-JAN-1999; 98WO-US000106.

08-MAR-1999; 98WO-US000528.

10-MAR-1999; 98WO-US000519.

20-APR-1999; 98WO-US0008615.

14-MAY-1999; 98WO-US010733.

02-JUN-1999; 98WO-US012252.

01-SEP-1999; 98WO-US020111.

08-SEP-1999; 98WO-US020594.

13-SEP-1999; 98WO-US020944.

15-SEP-1999; 98WO-US021090.

15-SEP-1999; 98WO-US021547.

05-OCT-1999; 98WO-US023089.

29-NOV-1999; 98WO-US028214.

30-NOV-1999; 98WO-US028313.

30-NOV-1999; 98WO-US028409.

01-DEC-1999; 98WO-US028301.

01-DEC-1999; 98WO-US028634.

02-DEC-1999; 98WO-US028551.

02-DEC-1999; 98WO-US028564.

16-DEC-1999; 98WO-US028565.

20-DEC-1999; 98WO-US030095.

20-DEC-1999; 98WO-US030911.

22-DEC-1999; 98WO-US030939.

30-DEC-1999; 98WO-US030720.

30-DEC-1999; 98WO-US031243.

05-JAN-2000; 98WO-US031274.

06-JAN-2000; 2000WO-US000219.

06-JAN-2000; 2000WO-US000277.

11-FEB-2000; 2000WO-US000376.

18-FEB-2000; 2000WO-US003565.

18-FEB-2000; 2000WO-US004341.

22-FEB-2000; 2000WO-US004342.

24-FEB-2000; 2000WO-US004914.

01-MAR-2000; 2000WO-US005004.

02-MAR-2000; 2000WO-US005601.

02-MAR-2000; 2000WO-US005746.

15-MAR-2000; 2000WO-US005841.

15-MAR-2000; 2000WO-US006319.

21-MAR-2000; 2000WO-US007377.

30-MAR-2000; 2000WO-US008439.

17-MAY-2000; 2000WO-US013705.

22-MAY-2000; 2000WO-US014042.

30-MAY-2000; 2000WO-US014941.

02-JUN-2000; 2000WO-US015264.

28-JUL-2000; 2000WO-US020710.

PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
XX  
PA (GETH ) GENENTECH INC.  
XX  
XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-521854/49.  
DR N-PSDB; ADA18871.  
XX  
XX New PRO nucleic acid, useful for preparing a composition for treating  
PT e.g., tumors.  
PS  
XX Claim 12; Fig 272; 660pp; English.  
CC The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. lung, colon, breast,  
CC prostate, rectal, cervical and liver tumours). The polynucleotides are  
CC useful in molecular biology, including uses as hybridisation probes, in  
CC chromosome and gene mapping, in generating antisense RNA and DNA and in  
CC gene therapy. The polynucleotides may also be used in preparing PRO  
CC polypeptides by recombinant techniques and in generating either  
CC transgenic animals or knock-out animals which are useful in the  
CC development and screening of therapeutically useful reagents. The PRO  
CC polypeptides or antibodies are used in preparing a medicament for  
CC treating a condition responsive to the polypeptides or antibodies, such  
CC as tumours, for modulating the uptake of glucose or FFA by adipocyte  
CC cells, for stimulating the proliferation of or gene expression in  
CC pericyte cells, for stimulating the release of proteoglycans from  
CC cartilage, for stimulating the proliferation of inner ear utricular  
CC supporting cells, for stimulating the release of cytokines from PMMC  
CC cells, for inhibiting the binding of A-peptide to factor VIIA, for

CC inhibiting the differentiation of adipocyte cells and for stimulating the  
CC proliferation of endothelial cells. This sequence represents a human PRO  
CC polypeptide of the invention. Note: The sequence data for this patent is  
CC also available in electronic format from USPTO at  
CC seqdata.uspto.gov/sequence.html.  
XX  
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWVITQLPPLILLTALAGGSGTASARAFDSVLGTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSILWVITQLPPLILLTALAGGSGTASARAFDSVLGTASCHRACOLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBELYACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLPKPKHLLFPITLVRSPWSDMMSAQSPITSSNFTYLAQDDGKIVP 180  
DB 121 LPFAELRQELMSLPKPKHLLFPITLVRSPWSDMMSAQSPITSSNFTYLAQDDGKIVP 180  
QY 181 QSKPIQIAPHLEQPTNLRSSLSKMSYLCQMSQAHRNFLRDSGDFLRLCLSLNSGW 240  
DB 181 QSKPIQIAPHLEQPTNLRSSLSKMSYLCQMSQAHRNFLRDSGDFLRLCLSLNSGW 240  
QY 241 ILTTLVLSVMVLLWICCATVATVEQVVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
DB 241 ILTTLVLSVMVLLWICCATVATVEQVVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHAGPLPTKVNLAHSEI 323

RESULT 26  
ADA61495  
ID ADA61495 standard; protein; 323 AA.  
XX AC ADA61495;  
XX DT 20-NOV-2003 (first entry)  
XX DE Homo sapiens.  
XX KW Human; secreted and transmembrane protein; PRO;  
KW Tumour necrosis factor alpha release; TNF-alpha release;  
KW glucose uptake modulator; FFA uptake modulator;  
KW cell proliferation stimulator; cell differentiation stimulator;  
KW cell differentiation inhibitor; cytokine release stimulator; tumour;  
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
KW gene therapy; chromosome identification; chromosome marker.  
XX  
OS Novel.  
OS human.  
OS secreted.  
OS and.  
OS transmembrane.  
OS protein.  
OS PR0195.  
XX  
PW US2003049816-A1.  
XX  
PD 13-MAR-2003.  
XX  
PF 15-APR-2002; 2002US-00123262.  
XX  
PR 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 14-SEP-1998; 98WO-US019177.  
PR 16-SEP-1998; 98WO-US019330.  
PR 17-SEP-1998; 98WO-US019437.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022991.  
PR 29-OCT-1998; 98WO-US022992.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 98WO-US000106.  
PR 08-MAR-1999; 98WO-US005028.  
PR 10-MAR-1999; 98WO-US005190.  
PR 20-APR-1999; 98WO-US006615.  
PR 14-MAY-1999; 98WO-US010733.  
PR 02-JUN-1999; 98WO-US012252.  
PR 01-SEP-1999; 98WO-US020111.  
PR 08-SEP-1999; 98WO-US020594.  
PR 13-SEP-1999; 98WO-US020944.  
PR 15-SEP-1999; 98WO-US021094.  
PR 15-SEP-1999; 98WO-US021547.  
PR 05-OCT-1999; 98WO-US023089.  
PR 29-NOV-1999; 98WO-US028214.  
PR 30-NOV-1999; 98WO-US028313.  
PR 30-NOV-1999; 98WO-US028409.  
PR 01-DEC-1999; 98WO-US028301.  
PR 02-DEC-1999; 98WO-US028634.  
PR 02-DEC-1999; 98WO-US028551.  
PR 02-DEC-1999; 98WO-US028564.  
PR 02-DEC-1999; 98WO-US028565.  
PR 16-DEC-1999; 98WO-US030095.  
PR 20-DEC-1999; 98WO-US030911.  
PR 20-DEC-1999; 98WO-US030999.  
PR 22-DEC-1999; 98WO-US030720.  
PR 30-DEC-1999; 98WO-US031243.  
PR 30-DEC-1999; 98WO-US031274.  
PR 05-JAN-2000; 2000WO-US006219.  
PR 06-JAN-2000; 2000WO-US006277.  
PR 06-JAN-2000; 2000WO-US003376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 24-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 10-MAR-2000; 2000WO-US005841.  
PR 15-MAR-2000; 2000WO-US006319.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030352.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US0074259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 03-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00806889.

PR 22-MAR-2001; 2001US-00816744.  
 PR 05-APR-2001; 2001US-00828366.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 10-MAY-2001; 2001US-00854280.  
 PR 18-MAY-2001; 2001US-00860216.  
 PR 25-MAY-2001; 2001US-00866028.  
 PR 25-MAY-2001; 2001US-00866034.  
 PR 25-MAY-2001; 2001US-00867092.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 05-JUN-2001; 2001US-00874503.  
 PR 14-JUN-2001; 2001US-00882636.  
 PR 19-JUN-2001; 2001US-00886342.  
 PR 20-JUN-2001; 2001US-00886342.  
 PR 21-JUN-2001; 2001US-00887879.  
 PR 22-JUN-2001; 2001US-00887879.  
 PR 29-JUN-2001; 2001US-00887879.  
 PR 09-JUL-2001; 2001US-009021735.  
 PR 18-JUL-2001; 2001US-00908827.  
 PR 06-AUG-2001; 2001US-00924419.  
 PR 09-AUG-2001; 2001US-00927796.  
 PR 16-AUG-2001; 2001US-00931836.  
 PR 19-DEC-2001; 2001US-00028072.  
 PR 19-DEC-2001; 2001US-00028072.

(GETH ) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-695892/66.  
 N-PSDB; ADA61494.

New PRO nucleic acid and encode polypeptides, are useful for  
 manufacturing a medicament for diagnosing or treating cancer.

Claim 12; Fig 272; 60pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PMNC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

Sequence 323 AA;

Query March 100.0%; Score 1694; DB 6; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAAPKGSILWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
DB	1	MAAPKGSILWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
QY	61	YPKEEELVACQRCGLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQNQ	120
DB	61	YPKEEELVACQRCGLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQNQ	120
QY	121	LPFAELRQEQMLMPKXHLFPPLTLVRSFWSNMDSAQSFITSSWTFYLOADDGKIVIF	180
DB	121	LPFAELRQEQMLMPKXHLFPPLTLVRSFWSNMDSAQSFITSSWTFYLOADDGKIVIF	180
QY	181	QSKPEIOVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW	240
DB	181	QSKPEIOVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW	240
QY	241	ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSILVVR	300
DB	241	ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSILVVR	300
QY	301	SKTRDHEAGPLPTKVNLAHSEI	323
DB	301	SKTRDHEAGPLPTKVNLAHSEI	323

RESULT 27  
 ADB19280  
 ID ADB19280 standard; protein; 323 AA.  
 XX ADB19280;  
 XX DT 20-NOV-2003 (first entry)  
 XX DE Novel human secreted and transmembrane protein PRO195.  
 XX KW Human; secreted and transmembrane protein; PRO;  
 KW Tumour necrosis factor alpha release; TNF-alpha release;  
 KW glucose uptake modulator; FFA uptake modulator;  
 KW cell proliferation stimulator; cell differentiation stimulator;  
 KW cell differentiation inhibitor; cytokine releas.  
 XX OS Homo sapiens.  
 XX US2003068796-A1.  
 XX 10-APR-2003.  
 XX 15-APR-2002; 2002US-00123261.  
 PR 31-MAR-1997; 97WO-US005230.  
 PR 12-JUN-1998; 98WO-US012456.  
 PR 14-JUL-1998; 98WO-US014552.  
 PR 28-AUG-1998; 98WO-US017888.  
 PR 10-SEP-1998; 98WO-US018824.  
 PR 14-SEP-1998; 98WO-US019093.  
 PR 14-SEP-1998; 98WO-US019094.  
 PR 14-SEP-1998; 98WO-US019177.  
 PR 16-SEP-1998; 98WO-US019330.  
 PR 17-SEP-1998; 98WO-US019437.  
 PR 07-OCT-1998; 98WO-US021141.  
 PR 29-OCT-1998; 98WO-US022991.  
 PR 29-OCT-1998; 98WO-US022992.  
 PR 20-NOV-1998; 98WO-US024855.  
 PR 01-DEC-1998; 98WO-US025108.  
 PR 08-JAN-1999; 99WO-US000106.  
 PR 08-MAR-1999; 99WO-US005028.  
 PR 10-MAR-1999; 99WO-US005190.  
 PR 20-APR-1999; 99WO-US008615.  
 PR 14-MAY-1999; 99WO-US010733.  
 PR 02-JUN-1999; 99WO-US012252.  
 PR 01-SEP-1999; 99WO-US020111.  
 PR 08-SEP-1999; 99WO-US020594.

PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 05-OCT-1999; 99WO-US023089.  
PR 29-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014642.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US0747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 01-MAR-2001; 2001WO-US006520.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001US-00866034.  
PR 01-JUN-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.

PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski FJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CX, Wood WI, Zhang Z;  
XX WPI; 2003-695927/66.  
DR N-PSDB; ADH19279.  
XX Novel secreted and transmembrane PRO polypeptides useful for stimulating  
PT the release of tumor necrosis factor alpha and detecting the presence of  
XX a tumor in a mammal.  
PS Claim 12; Fig 272; 660pp; English.  
XX The invention describes 305 nucleic acids encoding PRO (secreted and  
CC transmembrane) polypeptides (I). (i) is useful for stimulating the  
CC release of TNF-alpha from human blood, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyt  
XX Sequence 323 AA;  
SQ  
Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
QY 1 MAAPKGSLSVWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
DB 1 MAAPKGSLSVWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
QY 61 YPKEBELYACQRCRLFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKEBELYACQRCRLFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPPAELRQELSLMPKMLLPPLTLVRSFMDMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQELSLMPKMLLPPLTLVRSFMDMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQWRNSQAHNFLEDGSDGFLRCLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQWRNSQAHNFLEDGSDGFLRCLNSGW 240  
QY 241 ILTTTLVLSVMVLLICCATVATAVEQYVPSKLSYGLBPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLICCATVATAVEQYVPSKLSYGLBPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLFTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLFTKVNLAHSEI 323  
RESULT 28  
ADB27821  
ID ADB27821 standard; protein; 323 AA.  
XX ADB27821;  
AC ADB27821;  
XX 20-NOV-2003 (first entry)  
DT Human PRO polypeptide #136.  
DE Human PRO polypeptide #136.  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal, lung; colon; breast; prostate; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;



W rheumatoid arthritis; haemoglobin-associated disorder thalassemia;  
 X immune system cell infiltration.

US Homo sapiens.

XN US2003082704-A1.

XD 01-MAY-2003.

XF 24-APR-2002; 2002US-00131819.

XR 09-DEC-1999; 99US-0170262P.

R 01-DEC-2000; 2000WO-US033678.

R 19-DEC-2001; 2001US-00028072.

X (GETH ) GENENTECH INC.

X Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
 I Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 I Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

X WPI; 2003-765415/72.

R N-PSDB; ADB27820.

R New PRO nucleic acid, useful for preparing a composition for treating  
 X e.g., tumor or for tissue typing.

T Claim 12; Fig 272; 637pp; English.

S The invention relates to isolated human PRO polypeptides (secreted and  
 C transmembrane polypeptides) and the polynucleotides encoding them. The  
 C invention also relates to an antibody which specifically binds to a PRO  
 C polypeptide, a method for stimulating the release of tumor necrosis  
 C factor- $\alpha$  (TNF- $\alpha$ ) from human blood, a method for stimulating the  
 C proliferation or differentiation of chondrocyte cells and a method for  
 C detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 C colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 C polynucleotides are useful in molecular biology, including uses as  
 C hybridisation probes, in chromosome and gene mapping, in generating  
 C antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 C be used in preparing PRO polypeptides by recombinant techniques and in  
 C generating either transgenic animals or knock-out animals which are  
 C useful in the development and screening of therapeutically useful  
 C reagents. The PRO polypeptides or antibodies are used in preparing a  
 C medicament for treating a condition responsive to the polypeptides or  
 C antibodies, such as tumours, for stimulating and inhibiting proliferation  
 C of human microvascular endothelial cells, for modulating the uptake of  
 C glucose or PFA by skeletal muscle cells or adipocyte cells, for  
 C stimulating differentiation of adipocyte cells, for stimulating  
 C the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 C cells, for inducing endothelial cell tube formation and for treating  
 C various bone and/or cartilage disorders such as sports injuries and  
 C arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 C from cartilage are useful for treating sports-related joint problems,  
 C articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 C polypeptides are also useful for treating various mammalian haemoglobin-  
 C associated disorders such as various thalassemias and conditions which  
 C may benefit from enhanced local immune system cell infiltration. This  
 C sequence represents a human PRO polypeptide of the invention. Note: The  
 C sequence data for this patent is also available in electronic format from  
 C the USPTO website at seqdata.uspto.gov.

X Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5-5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAPPKGSLWVWTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

1 MAPPKGSLWVWTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKKEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTRAYSOSDEQYACHLGCQHQ 120  
 DB 61 YPKKEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTRAYSOSDEQYACHLGCQHQ 120  
 QY 121 LPFAELFQEQLSLMPKQHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180  
 DB 121 LPFAELFQEQLSLMPKQHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180  
 QY 181 OSKPEIQYAPHLRQEPNTLRSSLSXMSYLOMNSQAHNRNLFLEDGSDGFLRCLSLNSGW 240  
 DB 181 OSKPEIQYAPHLRQEPNTLRSSLSXMSYLOMNSQAHNRNLFLEDGSDGFLRCLSLNSGW 240  
 QY 241 ILTTLVLVSVLLWLIWCCATVATAVEQYVPESEKLSYGLDFNNEOKLNRYPASSLWVVR 300  
 DB 241 ILTTLVLVSVLLWLIWCCATVATAVEQYVPESEKLSYGLDFNNEOKLNRYPASSLWVVR 300  
 QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
 DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 29

ADA86300

ID ADA86300 standard; protein; 323 AA.

XX AC ADA86300;

XX DT 20-NOV-2003 (first entry)

XX DE Novel human secreted and transmembrane protein PRO195.

XX KW Human; secreted and transmembrane protein; PRO;

KW Tumour necrosis factor  $\alpha$  release; TNF- $\alpha$  release;

KW Glucose uptake modulator; PFA uptake modulator;

KW Cell proliferation stimulator; cell differentiation stimulator;

KW Cell differentiation inhibitor; cytokine release stimulator; tumour;

KW Lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

KW Cervical tumour; liver tumour; chromosome mapping; gene mapping;

KW Gene therapy; chromosome identification; chromosome marker.

XX OS Homo sapiens.

XX PN US2003082711-A1.

XX PD 01-MAY-2003.

XX PF 16-MAY-2002; 2002US-00147508.

PR 02-JUL-1998; 98US-0091519P.

PR 02-JUN-1999; 99WO-US012252.

PR 07-JUL-1999; 99US-0143048P.

PR 25-AUG-1999; 99US-0038013P.

PR 30-MAR-2000; 2000WO-US008439.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH ) GENENTECH INC.

XX PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX DR WPI; 2003-765414/74.

DR N-PSDB; ADA86299.

XX PT New PRO nucleic acid, useful for preparing a composition for treating

PT e.g., tumor or for tissue typing.

XX PS Claim 12; Fig 272; 637pp; English.

XX CC The invention describes 305 nucleic acids encoding PRO (secreted and

transmembrane) polypeptides (I). (I) is useful for stimulating the

release of TNF- $\alpha$  from human blood, for modulating the uptake of

CC

CC glucose or PFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating the proliferation or differentiation of chondrocyte cells,  
CC for stimulating the proliferation of or gene expression in pericyte  
CC cells, for stimulating the release of proteoglycans from cartilage, for  
CC stimulating the proliferation of inner ear utricular supporting cells,  
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating  
CC the release of a cytokine from PBMC cells, for inhibiting the binding of  
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
CC cells, for stimulating proliferation of endothelial cells, for detecting  
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,  
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
CC are useful for isolating genomic and cDNA nucleotide sequences or  
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
CC in assays to identify other proteins or molecules involved in binding  
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
CC and gene mapping, in generation of antisense RNA and DNA, in the  
CC preparation of PRO polypeptide, for generating transgenic animals or  
CC knockout animals which in turn are useful in the development and  
CC screening of therapeutically useful reagents, in gene therapy, for  
CC chromosome identification, as chromosome marker, and for generating  
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
CC detecting its expression in specific cells, tissues or serum, and for  
CC affinity purification of PRO from recombinant cell culture or natural  
CC sources. (I) and (II) are useful for tissue typing. This is the amino  
CC acid sequence of a novel human secreted and transmembrane PRO  
CC polypeptide.  
XX  
XX  
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
QY 1 MAAPKGLMWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
DB 1 MAAPKGLMWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
QY 61 YPKBEELYACQRCRFLPSICQFVDDGIDLRNKLKESACTTAYSQSDQYACHLGCQNO 120  
DB 61 YPKBEELYACQRCRFLPSICQFVDDGIDLRNKLKESACTTAYSQSDQYACHLGCQNO 120  
QY 121 LPPAEILRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADDGKIVIF 180  
DB 121 LPPAEILRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADDGKIVIF 180  
QY 181 QSKPEIQYAPHLROBTNTRBSSLSQMSYLOMRNSQAHNFLEDGSDGFRLCISLSNGW 240  
DB 181 QSKPEIQYAPHLROBTNTRBSSLSQMSYLOMRNSQAHNFLEDGSDGFRLCISLSNGW 240  
QY 241 ILTTTLVLSWVLLWCCATVATVAVQYVPSEKLSIYGDLEPMNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSWVLLWCCATVATVAVQYVPSEKLSIYGDLEPMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEAGPLTKVNLAHSEI 323  
DB 301 SKTEDHEAGPLTKVNLAHSEI 323

RESULT 30  
ADB15864  
ID ADB15864 standard; protein; 323 AA.  
XX  
XX ADB15864;  
XX  
XX 20-NOV-2003 (first entry)  
XX  
XX Human PRO polypeptide #136.  
XX  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
XX liver; microvascular endothelial cell; glucose; PFA;  
XX skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
OS Homo sapiens.  
XX  
XX US2003087350-A1.  
XX  
XX 08-MAY-2003.  
XX  
XX 22-APR-2002; 2002US-00127821.  
XX  
XX 04-AUG-1998; 98US-0095301P.  
XX 02-JUN-1999; 99WO-US012252.  
XX 25-AUG-1999; 99US-00380137.  
XX 30-MAR-2000; 2000WO-US008439.  
XX 01-DEC-2000; 2000WO-US032678.  
XX 19-DEC-2001; 2001US-00028072.  
XX  
XX (GETH ) GENENTECH INC.  
XX  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
XX Gerritsen WE, Goddard A, Godowski RJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
XX WPI; 2003-786941/74.  
XX N-PSDB; ADB15863.  
XX  
XX New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide,  
XX and for manufacturing a medicament for diagnosing or treating tumor.  
XX  
XX Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or PFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;

```
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
1 1 MAAPKGSWVTRTGLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLT 60
1 1 MAAPKGSWVTRTGLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLPPLT 60
61 1 YPKEEELIACQRCRLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCCNQ 120
61 1 YPKEEELIACQRCRLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCCNQ 120
121 1 LPPAELRQELMSLMPKCHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180
121 1 LPPAELRQELMSLMPKCHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180
181 1 QSKPEIOYAPHLEOEPNTLRESSLKMSYLQKNSQAHNFLEDSGDFLRLCLSLNSGW 240
181 1 QSKPEIOYAPHLEOEPNTLRESSLKMSYLQKNSQAHNFLEDSGDFLRLCLSLNSGW 240
241 1 ILTTLVLVSVLLIICATVATAVEQVSEKLSIYGDLFNFNEQKLNRYPASSLVVVR 300
241 1 ILTTLVLVSVLLIICATVATAVEQVSEKLSIYGDLFNFNEQKLNRYPASSLVVVR 300
301 SKTEDHEAGPLPTKVNLAHSEI 323
301 SKTEDHEAGPLPTKVNLAHSEI 323
ADA47650;
20-NOV-2003 (first entry)
Human PRO polypeptide #136.
Human; PRO; secreted polypeptide; transmembrane polypeptide;
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
liver; microvascular endothelial cell; Glucose; FFA;
skeletal muscle cell; adipocyte cell; pericyte cell;
inner ear utricular supporting cell; T-lymphocyte cell;
endothelial cell tube formation; bone disorder; cartilage disorder;
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
immune system cell infiltration.
Homo sapiens.
US2003073215-A1.
17-APR-2003.
07-MAY-2002; 2002US-00140925.
31-MAR-1997; 99WO-US005230.
12-JUN-1998; 98WO-US012456.
14-JUL-1998; 98WO-US014552.
28-AUG-1998; 98WO-US017888.
10-SEP-1998; 98WO-US018824.
14-SEP-1998; 98WO-US019033.
14-SEP-1998; 98WO-US019034.
14-SEP-1998; 98WO-US019177.
16-SEP-1998; 98WO-US019330.
17-SEP-1998; 98WO-US019437.
17-OCT-1998; 98WO-US021141.
29-OCT-1998; 98WO-US022991.
29-OCT-1998; 98WO-US022992.
20-NOV-1998; 98WO-US024855.
01-DEC-1998; 98WO-US025108.
05-JAN-1999; 99WO-US000106.
08-MAR-1999; 99WO-US005028.
10-MAR-1999; 99WO-US005190.
20-APR-1999; 99WO-US008615.
14-MAY-1999; 99WO-US010733.
02-JUN-1999; 99WO-US012252.
01-SEP-1999; 99WO-US020111.
08-SEP-1999; 99WO-US020594.
13-SEP-1999; 99WO-US020944.
15-SEP-1999; 99WO-US021090.
15-SEP-1999; 99WO-US021547.
05-OCT-1999; 99WO-US023089.
29-NOV-1999; 99WO-US028214.
30-NOV-1999; 99WO-US028313.
01-DEC-1999; 99WO-US028409.
01-DEC-1999; 99WO-US028301.
02-DEC-1999; 99WO-US028634.
02-DEC-1999; 99WO-US028551.
02-DEC-1999; 99WO-US028564.
16-DEC-1999; 99WO-US028565.
20-DEC-1999; 99WO-US030095.
20-DEC-1999; 99WO-US030911.
22-DEC-1999; 99WO-US030999.
30-DEC-1999; 99WO-US030720.
30-DEC-1999; 99WO-US031243.
30-DEC-1999; 99WO-US031274.
05-JAN-2000; 2000WO-US000219.
06-JAN-2000; 2000WO-US000277.
06-JAN-2000; 2000WO-US000376.
11-FEB-2000; 2000WO-US003565.
18-FEB-2000; 2000WO-US004341.
18-FEB-2000; 2000WO-US004342.
22-FEB-2000; 2000WO-US004414.
24-FEB-2000; 2000WO-US004914.
24-FEB-2000; 2000WO-US005004.
01-MAR-2000; 2000WO-US005601.
02-MAR-2000; 2000WO-US005746.
02-MAR-2000; 2000WO-US005841.
10-MAR-2000; 2000WO-US006319.
15-MAR-2000; 2000WO-US006884.
20-MAR-2000; 2000WO-US007377.
21-MAR-2000; 2000WO-US007532.
30-MAR-2000; 2000WO-US008439.
17-MAY-2000; 2000WO-US013705.
22-MAY-2000; 2000WO-US014042.
30-MAY-2000; 2000WO-US014941.
02-JUN-2000; 2000WO-US015264.
28-JUL-2000; 2000WO-US020710.
11-AUG-2000; 2000WO-US022031.
23-AUG-2000; 2000WO-US023522.
24-AUG-2000; 2000WO-US023328.
08-NOV-2000; 2000WO-US030952.
01-DEC-2000; 2000WO-US032678.
20-DEC-2000; 2000US-00747259.
20-DEC-2000; 2000WO-US034956.
28-FEB-2001; 2001US-00796498.
28-FEB-2001; 2001WO-US006520.
01-MAR-2001; 2001WO-US006666.
09-MAR-2001; 2001US-00802706.
14-MAR-2001; 2001US-00806889.
22-MAR-2001; 2001US-00816744.
05-APR-2001; 2001US-00828366.
10-MAY-2001; 2001US-00854208.
10-MAY-2001; 2001US-00854280.
18-MAY-2001; 2001US-00860216.
25-MAY-2001; 2001US-00866028.
25-MAY-2001; 2001US-00866034.
25-MAY-2001; 2001WO-US017092.
01-JUN-2001; 2001US-00872035.
01-JUN-2001; 2001WO-US017800.
05-JUN-2001; 2001US-00874503.
14-JUN-2001; 2001US-00882636.
19-JUN-2001; 2001US-00886342.
20-JUN-2001; 2001WO-US019692.
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PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;  
XX WPI; 2003-644801/61.  
DR N-PSDB; ADA47649.  
XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
PT in gene therapy, detecting the presence of tumor in a mammal, or  
PT modulating the uptake of glucose or free fatty acid by skeletal muscle  
PT cells or adipocyte cells.  
XX Claim 12; Fig 272; 659pp; English.  
XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX SQ Sequence 323 AA;

QY 121 LPFABLRQELMSLMPKMHLLPFLTVRSFWSMDWDSQAQSFITSSWTFYLOADGKIIVF 180  
DB 121 LPFABLRQELMSLMPKMHLLPFLTVRSFWSMDWDSQAQSFITSSWTFYLOADGKIIVF 180  
QY 181 QSKPIQYAPHLEQEPNLRSSLSKNSYLOWRNSQARHNFLDGSDGFLRCLSLNSGW 240  
DB 181 QSKPIQYAPHLEQEPNLRSSLSKNSYLOWRNSQARHNFLDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTILVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASLWVVR 300  
DB 241 ILTTTILVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASLWVVR 300  
QY 301 STEDHHEAGPLPTKYNLAHSEI 323  
DB 301 STEDHHEAGPLPTKYNLAHSEI 323  
RESULT 32  
ADA57445  
ID ADA67445 standard; protein; 323 AA.  
XX AC  
XX ADA67445;  
XX 20-NOV-2003 (first entry)  
XX Human PRO polypeptide #136.  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
XX liver; microvascular endothelial cell; glucose; FFA;  
XX skeletal muscle cell; adipocyte cell; pericyte cell;  
XX inner ear utricular supporting cell; T-lymphocyte cell;  
XX endothelial cell tube formation; bone disorder; cartilage disorder;  
XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
XX rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
XX immune system cell infiltration.  
XX Homo sapiens.  
XX OS  
XX US2003068795-A1.  
XX 10-APR-2003.  
XX 15-APR-2002; 2002US-00123236.  
XX 31-MAR-1997; 97WO-US005230.  
XX 12-JUN-1998; 98WO-US012456.  
XX 14-JUL-1998; 98WO-US014552.  
XX 28-AUG-1998; 98WO-US017888.  
XX 10-SEP-1998; 98WO-US018824.  
XX 14-SEP-1998; 98WO-US019093.  
XX 14-SEP-1998; 98WO-US019177.  
XX 16-SEP-1998; 98WO-US019330.  
XX 17-SEP-1998; 98WO-US019437.  
XX 07-OCT-1998; 98WO-US022991.  
XX 29-OCT-1998; 98WO-US022992.  
XX 20-NOV-1998; 98WO-US024855.  
XX 01-DEC-1998; 98WO-US025108.  
XX 05-JAN-1999; 99WO-US000106.  
XX 08-MAR-1999; 99WO-US005028.  
XX 10-MAR-1999; 99WO-US005190.  
XX 20-APR-1999; 99WO-US008615.  
XX 14-MAY-1999; 99WO-US010733.  
XX 02-JUN-1999; 99WO-US012252.  
XX 01-SEP-1999; 99WO-US020111.  
XX 08-SEP-1999; 99WO-US020594.  
XX 13-SEP-1999; 99WO-US020944.  
XX 15-SEP-1999; 99WO-US021090.  
XX 15-SEP-1999; 99WO-US021547.

105-OCT-1999; 99WO-US023089.  
29-NOV-1999; 99WO-US028214.  
30-NOV-1999; 99WO-US028313.  
30-NOV-1999; 99WO-US028409.  
01-DEC-1999; 99WO-US028301.  
01-DEC-1999; 99WO-US028634.  
02-DEC-1999; 99WO-US028551.  
02-DEC-1999; 99WO-US028564.  
16-DEC-1999; 99WO-US030095.  
20-DEC-1999; 99WO-US030311.  
20-DEC-1999; 99WO-US030399.  
22-DEC-1999; 99WO-US030720.  
30-DEC-1999; 99WO-US031243.  
30-DEC-1999; 99WO-US031274.  
05-JAN-2000; 2000WO-US000219.  
06-JAN-2000; 2000WO-US000277.  
06-JAN-2000; 2000WO-US000376.  
11-FEB-2000; 2000WO-US003565.  
18-FEB-2000; 2000WO-US004341.  
18-FEB-2000; 2000WO-US004342.  
22-FEB-2000; 2000WO-US004414.  
24-FEB-2000; 2000WO-US004914.  
24-FEB-2000; 2000WO-US005004.  
01-MAR-2000; 2000WO-US005501.  
02-MAR-2000; 2000WO-US005746.  
02-MAR-2000; 2000WO-US005941.  
10-MAR-2000; 2000WO-US006319.  
15-MAR-2000; 2000WO-US006884.  
20-MAR-2000; 2000WO-US007377.  
21-MAR-2000; 2000WO-US007532.  
30-MAR-2000; 2000WO-US008439.  
17-MAY-2000; 2000WO-US013705.  
22-MAY-2000; 2000WO-US014042.  
30-MAY-2000; 2000WO-US014941.  
02-JUN-2000; 2000WO-US015264.  
28-JUL-2000; 2000WO-US020710.  
11-AUG-2000; 2000WO-US020710.  
23-AUG-2000; 2000WO-US023522.  
24-AUG-2000; 2000WO-US023328.  
08-NOV-2000; 2000WO-US030952.  
10-NOV-2000; 2000WO-US030873.  
01-DEC-2000; 2000WO-US032678.  
20-DEC-2000; 2000US-00747259.  
28-FEB-2001; 2001US-00796498.  
28-FEB-2001; 2001WO-US006520.  
01-MAR-2001; 2001WO-US006666.  
09-MAR-2001; 2001US-00802706.  
14-MAR-2001; 2001US-00808689.  
22-MAR-2001; 2001US-00816744.  
05-APR-2001; 2001US-00828366.  
10-MAY-2001; 2001US-00854308.  
10-MAY-2001; 2001US-00854280.  
18-MAY-2001; 2001US-00860216.  
25-MAY-2001; 2001US-00866028.  
25-MAY-2001; 2001US-00866034.  
25-MAY-2001; 2001WO-US017092.  
01-JUN-2001; 2001US-00872035.  
01-JUN-2001; 2001WO-US017800.  
05-JUN-2001; 2001US-00874503.  
14-JUN-2001; 2001US-00882636.  
19-JUN-2001; 2001US-00886342.  
20-JUN-2001; 2001WO-US019692.  
21-JUN-2001; 2001US-00887879.  
22-JUN-2001; 2001WO-US020116.  
29-JUL-2001; 2001WO-US021066.  
09-JUL-2001; 2001WO-US021725.  
18-JUL-2001; 2001US-00908827.  
06-AUG-2001; 2001US-00924419.  
09-AUG-2001; 2001US-00927796.  
16-AUG-2001; 2001US-00931836.  
19-DEC-2001; 2001US-00028072.

XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-695926/66.  
DR N-PSDB; ADA67444.  
XX Novel isolated PRO secreted and transmembrane polypeptides useful for  
PT stimulating the release of tumor necrosis factor-alpha from human blood  
PT and detecting the presence of a tumor in a mammal.  
XX Claim 12; Fig 272; 660pp; English.  
XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumor necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVVTQGLPPILLTALAGCGGTASARAFDSVLGPTASCHRAQLTYPLHT 60  
DB 1 MAAPKGLWVVTQGLPPILLTALAGCGGTASARAFDSVLGPTASCHRAQLTYPLHT 60  
QY 61 YPKBEELYACQCGKLFSCQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120  
DB 61 YPKBEELYACQCGKLFSCQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120  
QY 121 LPFAELROQLMSLMPKPHLLPFLTVRSFWSMDNSAQSPFITSSTWTFYLOADDGKLVIF 180  
DB 121 LPFAELROQLMSLMPKPHLLPFLTVRSFWSMDNSAQSPFITSSTWTFYLOADDGKLVIF 180  
QY 181 QSKPEIOYAPHLEOPTNLRESSLSKMSYLQMRNSQAHNRFLEDGESDGLFRLCLSLNSGW 240  
DB 181 QSKPEIOYAPHLEOPTNLRESSLSKMSYLQMRNSQAHNRFLEDGESDGLFRLCLSLNSGW 240  
QY 241 ILTFTVLVSVMLLWICCATVATAVEQVPSKLSIYVDLEFPMNEQKLNRYPASSLVVVR 300

Db 241 IITTLVLSVWVLLWICATVATAVEQVFPSEKLSIYGDLFEFMQKLNYPASSLVVVR 300  
2Y 301 SKTDDHREAGLPKVNLAHSEI 323  
Db 301 SKTDDHREAGLPKVNLAHSEI 323  
RESULT 33  
ADB30452  
ID ADB30452 standard; protein; 323 AA.  
AC ADB30452;  
DT 20-NOV-2003 (first entry)  
DE Human PRO polypeptide #136.  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
liver; microvascular endothelial cell; glucose; FFA;  
skeletal muscle cell; adipocyte cell; pericyte cell;  
inner ear utricular supporting cell; T-lymphocyte cell;  
endothelial cell tube formation; bone disorder; cartilage disorder;  
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
rheumatoid arthritis; haemoglobin-associated disorder thalassemia;  
immune system cell infiltration.  
OS Homo sapiens.  
PN US2003068794-A1.  
PD 10-APR-2003.  
XX 15-APR-2002; 2002US-00123155.  
XX 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 16-SEP-1998; 98WO-US019177.  
PR 17-SEP-1998; 98WO-US019330.  
PR 07-OCT-1998; 98WO-US021144.  
PR 29-OCT-1998; 98WO-US022991.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 20-APR-1999; 99WO-US008615.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 01-SEP-1999; 99WO-US020111.  
PR 08-SEP-1999; 99WO-US020594.  
PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 05-OCT-1999; 99WO-US021547.  
PR 30-NOV-1999; 99WO-US023089.  
PR 30-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 01-DEC-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.

PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 21-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030973.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 18-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 01-JUN-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.

(GETH ) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;  
WPI; 2003-708391/67.  
N-PSDB; ADB30451.

XX PA  
XX PI  
XX PI  
XX PI  
XX DR  
XX DR  
XX

New isolated PRO polypeptides e.g. PRO1801 and PRO1114, useful in the preparation of a medicament for treating a condition responsive to PRO polypeptide, and as therapeutic agents e.g. vaccines.

Claim 12: Fig 272: English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor- $\alpha$  (TNF- $\alpha$ ) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or PFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation or gene expression in procyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at [seqdata.uspto.gov](http://seqdata.uspto.gov).

Sequence 323 AA:

Query Match	100.0%;	Score 1694;	DB 5;	Length 323;
1st Local Similarity	100.0%;	Pred. No. 5.5e-167;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;
1	MAAPKGSUWRTQUGLPPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60		
1	MAAPKGSUWRTQUGLPPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60		
61	YPKEELYACORGCRLFISICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLCQNG	120		
61	YPKEELYACORGCRLFISICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLCQNG	120		
121	LPFABLRQELMSLMPQKHLFPPLTVRSFWSDMDMSAQSPITTSWTFYLOADDGKIVP	180		
121	LPFABLRQELMSLMPQKHLFPPLTVRSFWSDMDMSAQSPITTSWTFYLOADDGKIVP	180		
181	QSKPEIQYAPHLEQPTNLRSSLSWVSLQWRNSQAHNTLEQGSDDGLRCLSLNSGW	240		
181	QSKPEIQYAPHLEQPTNLRSSLSWVSLQWRNSQAHNTLEQGSDDGLRCLSLNSGW	240		
241	ILTTTLVLVSVMVLWLWICCAVATVAVEQYVPSEKLSIYGDLFPNKEQKLNRPASSLVVVR	300		
241	ILTTTLVLVSVMVLWLWICCAVATVAVEQYVPSEKLSIYGDLFPNKEQKLNRPASSLVVVR	300		
301	SKTEDHEEAGPLPTKVNLAHSEI	323		
301	SKTEDHEEAGPLPTKVNLAHSEI	323		

RESULT 34  
ADA85748

AD	ADA85748	standard; protein; 323 AA.
XX	AC	ADA85748;
XX	DT	20-NOV-2003 (first entry)
XX	DE	Novel human secreted and transmembrane protein PRO195.
XX	KW	Human; secreted and transmembrane protein; PRO;
XX	KW	Tumour necrosis factor alpha release; TNF-alpha release;
XX	KW	glucose uptake modulator; FFA uptake modulator;
XX	KW	cell proliferation stimulator; cell differentiation stimulator;
XX	KW	cell differentiation inhibitor; cytokine release stimulator; tumour;
XX	KW	lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;
XX	KW	cervical tumour; liver tumour; chromosome mapping; gene mapping;
XX	KW	gene therapy; chromosome identification; chromosome marker.
XX	OS	Homo sapiens.
XX	PN	US2003082693-A1.
XX	PD	01-MAY-2003.
XX	PP	22-APR-2002; 2002US-00127843.
XX	PR	05-JUN-2000; 2000US-0209832P.
XX	PR	01-DEC-2000; 2000WO-US032678.
XX	PR	19-DEC-2001; 2001US-00028072.
XX	PA	(GETH ) GENENTECH INC.
XX	PI	Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;
XX	PI	Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX	PI	Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX	XX	WFI; 2003-786907/74.
XX	DR	N-PSDB; ADA85747.
XX	PT	New PRO nucleic acid, useful for preparing a composition for treating
XX	PT	e.g., tumor or for tissue typing.
XX	PS	Claim 12; Fig 272; 637pp; English.
XX	CC	The invention describes 305 nucleic acids encoding PRO (secreted and
XX	CC	transmembrane) polypeptides (I). (I) is useful for stimulating the
XX	CC	release of TNF-alpha from human blood, for modulating the uptake of
XX	CC	glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX	CC	stimulating the proliferation or differentiation of chondrocyte cells,
XX	CC	for stimulating the proliferation of or gene expression in pericyte
XX	CC	cells, for stimulating the release of proteoglycans from cartilage, for
XX	CC	stimulating the proliferation of inner ear utricular supporting cells,
XX	CC	for stimulating the proliferation of T-lymphocyte cells, for stimulating
XX	CC	the release of a cytokine from PMMC cells, for inhibiting the binding of
XX	CC	A-peptide to factor VIIa, for inhibiting the differentiation of adipocyte
XX	CC	cells, for stimulating proliferation of endothelial cells, for detecting
XX	CC	the presence of tumour in a mammal. The tumour is lung, colon, breast,
XX	CC	prostate, rectal, cervical or liver tumour. The oligonucleotide probes
XX	CC	are useful for isolating genomic and cDNA nucleotide sequences or
XX	CC	antisense probes. (I) is also useful as therapeutic agent. PRO is useful
XX	CC	in assays to identify other proteins or molecules involved in binding
XX	CC	interaction. A polynucleotide (II) encoding (I) is useful in chromosome
XX	CC	and gene mapping, in generation of antisense RNA and DNA, in the
XX	CC	preparation of PRO polypeptide, for generating transgenic animals or
XX	CC	knockout animals which in turn are useful in the development and
XX	CC	screening of therapeutically useful reagents, in gene therapy, for
XX	CC	chromosome identification, as chromosome marker, and for generating
XX	CC	probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
XX	CC	detecting its expression in specific cells, tissues or serum, and for
XX	CC	affinity purification of PRO from recombinant cell culture or natural
XX	CC	sources. (I) and (II) are useful for tissue typing. This is the amino
XX	CC	acid sequence of a novel human secreted and transmembrane PRO
XX	CC	polypeptide.

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPPAELRQELMSLMPKMLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180  
DB 121 LPPAELRQELMSLMPKMLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLQOEPTNLRSSLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQOEPTNLRSSLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWTCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLWTCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 35  
ADA96960  
ID ADA96960 standard; protein; 323 AA.  
AC ADA96960;  
DT 20-NOV-2003 (first entry)  
DE Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.

OS Homo sapiens.  
XX US2003082705-A1.  
XX 01-MAY-2003.  
XX 24-APR-2002; 2002US-00131829.  
XX 09-DEC-1999; 99US-0170262P.  
XX 01-DEC-2000; 2000WO-US032678.  
XX 19-DEC-2001; 2000US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff B, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-755112/71.  
XX N-PSDB; ADA96959.

PT New PRO nucleic acid, useful for preparing a composition for treating  
PT e.g., tumor or for tissue typing.  
PS Claim 12; Fig 272; 637pp; English.  
XX The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumour necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also  
XX be used in preparing PRO polypeptides by recombinant techniques and in  
XX generating either transgenic animals or knock-out animals which are  
XX useful in the development and screening of therapeutically useful  
XX reagents. The PRO polypeptides or antibodies are used in preparing a  
XX medicament for treating a condition responsive to the polypeptides or  
XX antibodies, such as tumours, for stimulating and inhibiting proliferation  
XX of human microvascular endothelial cells, for modulating the uptake of  
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for  
XX stimulating differentiation of adipocyte cells, for stimulating  
XX the proliferation of or gene expression in pericyte cells, for stimulating  
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte  
XX cells, for inducing endothelial cell tube formation and for treating  
XX various bone and/or cartilage disorders such as sports injuries and  
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans  
XX from cartilage are useful for treating sports-related joint problems. PRO  
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
XX polypeptides are also useful for treating various mammalian haemoglobin-  
XX associated disorders such as various thalassaemias and conditions which  
XX may benefit from enhanced local immune system cell infiltration. This  
XX sequence represents a human PRO polypeptide of the invention. Note: The  
XX sequence data for this patent is also available in electronic format from  
XX USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSWVRLTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPPAELRQELMSLMPKMLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180  
DB 121 LPPAELRQELMSLMPKMLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLQOEPTNLRSSLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQOEPTNLRSSLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWTCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLWTCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 36  
ADA9264  
ID ADA79264 standard; protein; 323 AA.



ADA79254;	Human; PRO; secreted polypeptide; tumour necrosis factor- $\alpha$ ; cancer; adrenal; lung; colon; liver; microvascular endothelial; skeletal muscle cell; adipocyte; inner ear utricular supporting cells; endothelial cell tube formation; sports injury; proteoglycan; rheumatoid arthritis; haemoglobin; immune system cell infiltration; Homo sapiens.
20-NOV-2003 (first entry)	US2003082763-A1.
Human PRO polypeptide #136.	01-MAY-2003.
	17-APR-2002; 2002US-00124838.
	31-MAR-1997; 97WO-US0005230.
	12-JUN-1998; 98WO-US012456.
	14-JUL-1998; 98WO-US014532.
	28-AUG-1998; 98WO-US017888.
	10-SEP-1998; 98WO-US018834.
	14-SEP-1998; 98WO-US019093.
	14-SEP-1998; 98WO-US019094.
	14-SEP-1998; 98WO-US019177.
	16-SEP-1998; 98WO-US019330.
	17-SEP-1998; 98WO-US019437.
	07-OCT-1998; 98WO-US021141.
	29-OCT-1998; 98WO-US022991.
	29-OCT-1998; 98WO-US022992.
	20-NOV-1998; 98WO-US024855.
	01-DEC-1998; 98WO-US025108.
	05-JAN-1999; 98WO-US000106.
	08-MAR-1999; 98WO-US005028.
	10-MAR-1999; 98WO-US005190.
	20-APR-1999; 98WO-US008615.
	20-MAY-1999; 98WO-US010733.
	02-JUN-1999; 98WO-US012252.
	01-SEP-1999; 98WO-US020111.
	08-SEP-1999; 98WO-US020594.
	13-SEP-1999; 98WO-US020944.
	15-SEP-1999; 98WO-US021030.
	05-OCT-1999; 98WO-US021547.
	05-OCT-1999; 98WO-US023069.
	29-NOV-1999; 98WO-US028214.
	30-NOV-1999; 98WO-US028313.
	30-NOV-1999; 98WO-US028403.
	01-DEC-1999; 98WO-US028501.
	01-DEC-1999; 98WO-US028634.
	02-DEC-1999; 98WO-US028551.
	02-DEC-1999; 98WO-US028564.
	02-DEC-1999; 98WO-US028565.
	16-DEC-1999; 98WO-US030095.
	20-DEC-1999; 98WO-US030911.
	20-DEC-1999; 98WO-US030999.
	22-DEC-1999; 98WO-US030720.
	22-DEC-1999; 98WO-US031243.
	05-JAN-1999; 98WO-US031274.
	05-JAN-2000; 2000WO-US000219.
	06-JAN-2000; 2000WO-US000277.
	06-JAN-2000; 2000WO-US000376.
	11-FEB-2000; 2000WO-US003565.
	18-FEB-2000; 2000WO-US004341.
	18-FEB-2000; 2000WO-US004342.

PR	22-FEB-2000;	2000WO-US00044114.
PR	23-FEB-2000;	2000WO-US00049314.
PR	24-FEB-2000;	2000WO-US00050048.
PR	01-MAR-2000;	2000WO-US00050601.
PR	02-MAR-2000;	2000WO-US00057461.
PR	03-MAR-2000;	2000WO-US00058411.
PR	09-MAR-2000;	2000WO-US00063119.
PR	12-MAR-2000;	2000WO-US00068884.
PR	15-MAR-2000;	2000WO-US00073777.
PR	21-MAR-2000;	2000WO-US00075532.
PR	30-MAR-2000;	2000WO-US00084339.
PR	17-MAY-2000;	2000WO-US013705.
PR	22-MAY-2000;	2000WO-US014042.
PR	30-MAY-2000;	2000WO-US014941.
PR	02-JUN-2000;	2000WO-US015264.
PR	28-JUL-2000;	2000WO-US020710.
PR	11-AUG-2000;	2000WO-US022031.
PR	23-AUG-2000;	2000WO-US023522.
PR	24-AUG-2000;	2000WO-US023328.
PR	08-NOV-2000;	2000WO-US030952.
PR	10-NOV-2000;	2000WO-US030873.
PR	01-DEC-2000;	2000WO-US032678.
PR	20-DEC-2000;	2000US-00747259.
PR	20-DEC-2000;	2000WO-US034956.
PR	28-FEB-2001;	2001US-00796498.
PR	28-FEB-2001;	2001WO-US006520.
PR	01-MAR-2001;	2001WO-US006666.
PR	09-MAR-2001;	2001US-00802708.
PR	14-MAR-2001;	2001US-00802609.
PR	22-MAR-2001;	2001US-00816744.
PR	05-APR-2001;	2001US-00823866.
PR	10-MAY-2001;	2001US-00854208.
PR	10-MAY-2001;	2001US-00854280.
PR	18-MAY-2001;	2001US-00860216.
PR	23-MAY-2001;	2001US-00866028.
PR	25-MAY-2001;	2001US-00866034.
PR	25-MAY-2001;	2001WO-US017092.
PR	01-JUN-2001;	2001US-00872035.
PR	01-JUN-2001;	2001WO-US020116.
PR	05-JUN-2001;	2001US-00874503.
PR	14-JUN-2001;	2001US-00882636.
PR	19-JUN-2001;	2001US-00886342.
PR	20-JUN-2001;	2001WO-US019699.
PR	21-JUN-2001;	2001US-00887879.
PR	22-JUN-2001;	2001WO-US020166.
PR	29-JUL-2001;	2001WO-US021035.
PR	08-JUL-2001;	2001US-00938827.
PR	06-AUG-2001;	2001US-00924419.
PR	09-AUG-2001;	2001US-00927796.
PR	16-AUG-2001;	2001US-00931836.
PR	19-DEC-2001;	2001US-00980772.

(GUTH ) GENTECH INC.

Baker KP, Beresini M, Deforge L, Deenoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-755116/71.  
N-PSDB; ADA79263.

New secreted and transmembrane PRO polypeptides and nucleic acids, useful in detection and treatment of cancer and in modulating the uptake of glucose or free fatty acid by skeletal muscle cells or adipocyte cells.

Claim 12; Fig 272; 659pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor- $\alpha$  ('TNF- $\alpha$ ') from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems. PRO  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLLVVRVQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLLVVRVQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKPELYACQGGCLFSTCQPVDDGIDLNRKLCESACTEAYSQSDQVACHLGCQNG 120  
DB 61 YPKPELYACQGGCLFSTCQPVDDGIDLNRKLCESACTEAYSQSDQVACHLGCQNG 120  
QY 121 LPPFAELRQQLMSLMPKXHLPLPLTVRSFSDMMDSAQSPITTSMTFYLAQDGKIVIF 180  
DB 121 LPPFAELRQQLMSLMPKXHLPLPLTVRSFSDMMDSAQSPITTSMTFYLAQDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSVLCQNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSVLCQNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTLTVLSWVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLLVVVR 300  
DB 241 ILTTLTVLSWVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLLVVVR 300  
QY 301 SKTEDEEERAGPLTKVNLHSEI 323  
DB 301 SKTEDEEERAGPLTKVNLHSEI 323

RESULT 37  
ID ADA87403 standard; protein; 323 AA.  
XX ADA87403;  
XX AC  
XX DT 20-NOV-2003 (first entry)  
XX DE Novel human secreted and transmembrane protein PRO195.  
XX KW Human; secreted and transmembrane protein; PRO;  
KW Tumour necrosis factor alpha release; TNF-alpha release;  
KW glucose uptake modulator; FFA uptake modulator;

KW cell proliferation stimulator; cell differentiation stimulator;  
KW cell differentiation inhibitor; cytokine release stimulator; tumour;  
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
KW gene therapy; chromosome identification; chromosome marker.  
XX Homo sapiens.  
XX US2003087345-A1.  
XX 08-MAY-2003.  
XX 16-APR-2002; 2002US-00123907.  
XX 31-MAR-1997; 97WO-US005230.  
XX 12-JUN-1998; 98WO-US012456.  
XX 28-JUL-1998; 98WO-US014552.  
XX 14-AUG-1998; 98WO-US017888.  
XX 10-SEP-1998; 98WO-US018824.  
XX 14-SEP-1998; 98WO-US019093.  
XX 14-SEP-1998; 98WO-US019094.  
XX 14-SEP-1998; 98WO-US019177.  
XX 16-SEP-1998; 98WO-US019330.  
XX 17-SEP-1998; 98WO-US019437.  
XX 07-OCT-1998; 98WO-US021141.  
XX 29-OCT-1998; 98WO-US022991.  
XX 29-OCT-1998; 98WO-US022992.  
XX 20-NOV-1998; 98WO-US024855.  
XX 01-DEC-1998; 98WO-US025108.  
XX 05-JAN-1999; 99WO-US000106.  
XX 08-MAR-1999; 99WO-US005028.  
XX 10-MAR-1999; 2000WO-US006319.  
XX 20-APR-1999; 99WO-US008615.  
XX 14-MAY-1999; 99WO-US010733.  
XX 02-JUN-1999; 99WO-US012252.  
XX 01-SEP-1999; 99WO-US020111.  
XX 08-SEP-1999; 99WO-US020594.  
XX 13-SEP-1999; 99WO-US020944.  
XX 15-SEP-1999; 99WO-US021090.  
XX 15-SEP-1999; 99WO-US021547.  
XX 05-OCT-1999; 99WO-US023089.  
XX 29-NOV-1999; 99WO-US028214.  
XX 30-NOV-1999; 99WO-US028313.  
XX 30-NOV-1999; 99WO-US028409.  
XX 01-DEC-1999; 99WO-US028301.  
XX 01-DEC-1999; 99WO-US028634.  
XX 02-DEC-1999; 99WO-US028551.  
XX 02-DEC-1999; 99WO-US028564.  
XX 02-DEC-1999; 99WO-US028565.  
XX 16-DEC-1999; 99WO-US030095.  
XX 20-DEC-1999; 99WO-US030911.  
XX 20-DEC-1999; 99WO-US030999.  
XX 22-DEC-1999; 99WO-US030720.  
XX 30-DEC-1999; 99WO-US031243.  
XX 30-DEC-1999; 99WO-US031274.  
XX 05-JAN-2000; 2000WO-US000219.  
XX 06-JAN-2000; 2000WO-US000277.  
XX 06-JAN-2000; 2000WO-US000376.  
XX 11-FEB-2000; 2000WO-US003565.  
XX 18-FEB-2000; 2000WO-US004341.  
XX 18-FEB-2000; 2000WO-US004342.  
XX 22-FEB-2000; 2000WO-US004414.  
XX 24-FEB-2000; 2000WO-US004914.  
XX 24-FEB-2000; 2000WO-US005004.  
XX 01-MAR-2000; 2000WO-US005601.  
XX 02-MAR-2000; 2000WO-US005746.  
XX 02-MAR-2000; 2000WO-US005841.  
XX 15-MAR-2000; 2000WO-US006884.  
XX 21-MAR-2000; 2000WO-US007377.  
XX 21-MAR-2000; 2000WO-US007532.  
XX 30-MAR-2000; 2000WO-US008439.  
XX 17-MAY-2000; 2000WO-US013705.

22-MAY-2000; 2000WO-US014042.  
 30-MAY-2000; 2000WO-US014941.  
 02-JUN-2000; 2000WO-US015264.  
 28-JUL-2000; 2000WO-US020710.  
 11-AUG-2000; 2000WO-US022031.  
 23-AUG-2000; 2000WO-US023522.  
 24-AUG-2000; 2000WO-US023328.  
 08-NOV-2000; 2000WO-US030952.  
 10-NOV-2000; 2000WO-US030873.  
 01-DEC-2000; 2000WO-US032678.  
 20-DEC-2000; 2000US-00747259.  
 28-DEC-2000; 2000WO-US014956.  
 20-FEB-2001; 2001US-00796498.  
 28-FEB-2001; 2001WO-US006520.  
 01-MAR-2001; 2001WO-US006866.  
 09-MAR-2001; 2001US-00802706.  
 14-MAR-2001; 2001US-00808689.  
 22-MAR-2001; 2001US-00816744.  
 05-APR-2001; 2001US-00828366.  
 10-MAY-2001; 2001US-00854208.  
 10-MAY-2001; 2001US-00854280.  
 18-MAY-2001; 2001US-00860216.  
 25-MAY-2001; 2001US-00866028.  
 25-MAY-2001; 2001US-00866034.  
 25-MAY-2001; 2001WO-US017092.  
 01-JUN-2001; 2001US-00872035.  
 01-JUN-2001; 2001WO-US017800.  
 05-JUN-2001; 2001US-00874503.  
 14-JUN-2001; 2001US-00882536.  
 19-JUN-2001; 2001US-00886342.  
 20-JUN-2001; 2001WO-US019692.  
 21-JUN-2001; 2001US-00887879.  
 29-JUN-2001; 2001WO-US020116.  
 29-JUN-2001; 2001WO-US021066.  
 09-JUL-2001; 2001WO-US021735.  
 18-JUL-2001; 2001US-00908827.  
 06-AUG-2001; 2001US-00924419.  
 09-AUG-2001; 2001US-00927796.  
 16-AUG-2001; 2001US-00931836.  
 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-786937/74.  
 N-PSDB; ADA87402.

New PRO nucleic acid, useful for manufacturing a medicament for  
 diagnosing or treating tumor.

Claim 12; Fig 272; 638pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIa, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome

CC and gene mapping, in generation of antisense RNA and DNA, in the  
 CC preparation of PRO polypeptide, for generating transgenic animals or  
 CC knockout animals which in turn are useful in the development and  
 CC screening of therapeutically useful reagents, in gene therapy, for  
 CC chromosome identification, as chromosome marker, and for generating  
 CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
 CC detecting its expression in specific cells, tissues or serum, and for  
 CC affinity purification of PRO from recombinant cell culture or natural  
 CC sources. (I) and (II) are useful for tissue typing. This is the amino  
 CC acid sequence of a novel human secreted and transmembrane PRO  
 CC polypeptide.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKGSILWRTQLGLPPLLLM/TWALAGSGGTASARAFDSVLGPTASCHRACOLTYPLHT 60  
 DB 1 MAAPKGSILWRTQLGLPPLLLM/TWALAGSGGTASARAFDSVLGPTASCHRACOLTYPLHT 60  
 QY 61 YPKREELYACORGRLPSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
 DB 61 YPKREELYACORGRLPSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
 QY 121 LPFAELRQELMSLMPKPHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 DB 121 LPFAELRQELMSLMPKPHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 QY 181 QSKPEIOYAPHELEQPTNLRESSLSKMSYLOMNSQAHNFLEDSGDGLRCLSLNSGW 240  
 DB 181 QSKPEIOYAPHELEQPTNLRESSLSKMSYLOMNSQAHNFLEDSGDGLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVNVLLIWCATVATAVGQYVPSEKLSIYGDLEFVNEOKLNRYPASSLWVVR 300  
 DB 241 ILTTTLVLSVNVLLIWCATVATAVGQYVPSEKLSIYGDLEFVNEOKLNRYPASSLWVVR 300  
 QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
 DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 38

ADEB16605

ID ADB16605 standard; protein; 323 AA.

XX ADB16605;

XX 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
 KW liver; microvascular endothelial cell; glucose; FFA;  
 KW skeletal muscle cell; adipocyte cell; pericyte cell;  
 KW inner ear utricular supporting cell; T-lymphocyte cell;  
 KW endothelial cell tube formation; bone disorder; cartilage disorder;  
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
 KW immune system cell infiltration.

XX Homo sapiens.

XX OS US2003087349-A1.

XX PN 08-MAY-2003.

XX PF 19-APR-2002; 2002US-00125928.

XX XX 19-JUN-1998; 98US-0089947P.

PR 02-JUN-1999; 99WO-US012252.  
 PR 25-AUG-1999; 99US-00389137.  
 PR 02-MAR-2000; 2000WO-US005841.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 19-DEC-2001; 2001US-00028072.  
 XX (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 DR WPI: 2003-786940/74.  
 DR N-PSDB; ADA916604.  
 XX  
 PT New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide,  
 PT and for manufacturing a medicament for diagnosing or treating tumor.  
 XX  
 PS Claim 12; Fig 272; 637pp; English.  
 XX  
 CC The invention relates to isolated human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the polynucleotides encoding them. The  
 CC invention also relates to an antibody which specifically binds to a PRO  
 CC polypeptide, a method for stimulating the release of tumor necrosis  
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 CC proliferation or differentiation of chondrocyte cells and a method for  
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 CC polynucleotides are useful in molecular biology, including uses as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 CC be used in preparing PRO polypeptides by recombinant techniques and in  
 CC generating either transgenic animals or knock-out animals which are  
 CC useful in the development and screening of therapeutically useful  
 CC reagents. The PRO polypeptides or antibodies are used in preparing a  
 CC medicament for treating a condition responsive to the polypeptides or  
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
 CC of human microvascular endothelial cells, for modulating the uptake of  
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating differentiation of adipocyte cells, for stimulating  
 CC proliferation of or gene expression in pericyte cells, for stimulating  
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 CC cells, for inducing endothelial cell tube formation and for treating  
 CC various bone and/or cartilage disorders such as sports injuries and  
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 CC from cartilage are useful for treating sports-related joint problems,  
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 CC polypeptides are also useful for treating various mammalian haemoglobin-  
 CC associated disorders such as various thalassemias and conditions which  
 CC may benefit from enhanced local immune system cell infiltration. This  
 CC sequence represents a human PRO polypeptide of the invention. Note: The  
 CC sequence data for this patent is also available in electronic format from  
 CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
 XX  
 SQ Sequence 323 AA;  
 Query Match 100.0%; Score 1694; DB 6; Length 323;  
 Best Local Similarity 100.0%; Pred.No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKGSILWVRQLGLPPLILLITLALAGSGTAGAAREPDSVLGDTASCHRAQCLTYPLHT 60  
 DB 1 MAAPKGSILWVRQLGLPPLILLITLALAGSGTAGAAREPDSVLGDTASCHRAQCLTYPLHT 60  
 QY 61 YPKBELVACQGCGRKLPFCQPDVDGIDLNRTKLECSACTEAYSQSDQVACHGQCNQ 120  
 DB 61 YPKBELVACQGCGRKLPFCQPDVDGIDLNRTKLECSACTEAYSQSDQVACHGQCNQ 120  
 QY 121 LPFAELRQGLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 DB 121 LPFAELRQGLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 QY 181 QSKPEIQVAPHLQEPTNLRESSLSKMSYLOQRNSQAHRNFTLEDGSDGFLRCLSLNSGW 240

DB 181 QSKPEIQVAPHLQEPTNLRESSLSKMSYLOQRNSQAHRNFTLEDGSDGFLRCLSLNSGW 240  
 QY 241 ILTTTLVLVSVWLLWICCATVATAVEQVVPSEKLSIVGDLFFMNEQKLNRYPASSLVVVR 300  
 DB 241 ILTTTLVLVSVWLLWICCATVATAVEQVVPSEKLSIVGDLFFMNEQKLNRYPASSLVVVR 300  
 QY 301 SKTDEHERAGPLPTKVNLAHSEI 323  
 DB 301 SKTDEHERAGPLPTKVNLAHSEI 323  
 RESULT 39  
 ADA91697  
 ID ADA91697 standard; protein; 323 AA.  
 XX  
 AC ADA91697;  
 XX  
 DT 20-NOV-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO195.  
 XX  
 KW Human; secreted and transmembrane protein; PRO;  
 KW Tumour necrosis factor alpha release; TNF-alpha release;  
 KW glucose uptake modulator; FFA uptake modulator;  
 KW cell proliferation stimulator; cell differentiation stimulator;  
 KW cell differentiation inhibitor; cytokine release stimulator; tumour;  
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
 KW gene therapy; chromosome identification; chromosome marker.  
 XX  
 OS Homo sapiens.  
 PN US2003082694-A1.  
 XX  
 PD 01-MAY-2003.  
 XX  
 PF 22-APR-2002; 2002US-00127845.  
 PR 03-MAR-2000; 2000US-0187202P.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 19-DEC-2001; 2001US-00028072.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 PI WPI: 2003-786908/74.  
 DR N-PSDB; ADA91696.  
 XX  
 PT New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide,  
 PT or a composition for treating e.g., tumor or for tissue typing.  
 XX  
 PS Claim 12; Fig 272; 637pp; English.  
 XX  
 CC The invention describes 305 nucleic acids encoding PRO (secreted and  
 CC transmembrane) polypeptides (I). (I) is useful for stimulating the  
 CC release of TNF-alpha from human blood, for modulating the uptake of  
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating the proliferation or differentiation of chondrocyte cells,  
 CC for stimulating the proliferation of or gene expression in pericyte  
 CC cells, for stimulating the release of proteoglycans from cartilage, for  
 CC stimulating the proliferation of inner ear utricular supporting cells,  
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating  
 CC the release of a cytokine from PMBC cells, for inhibiting the binding of  
 CC A-peptide to factor VITA, for inhibiting the differentiation of adipocyte  
 CC cells, for stimulating proliferation of endothelial cells, for detecting  
 CC the presence of tumour in a mammal. The tumour is lung, colon, breast,  
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
 CC are useful for isolating genomic and cDNA nucleotide sequences or  
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful

in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (ii) encoding (i) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(i)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (i) and (ii) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

b 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDROYACHLGCQ 120

b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDROYACHLGCQ 120

Y 121 LPTFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

b 121 LPTFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQAYPHLQEPNTRESLSKWSYLOMNSQAHNFLEDSGFLCLSLNSGW 240

b 181 QSKPEIQAYPHLQEPNTRESLSKWSYLOMNSQAHNFLEDSGFLCLSLNSGW 240

Y 241 ILTTLVLSVWLLWICCATVAVAYQVSEKLSIYGDLFNFNEOKLNRYFASLLVVR 300

b 241 ILTTLVLSVWLLWICCATVAVAYQVSEKLSIYGDLFNFNEOKLNRYFASLLVVR 300

Y 301 SKTEDHEAGPLTKVNLHSEI 323

b 301 SKTEDHEAGPLTKVNLHSEI 323

RESULT 40

DE14760

D ADB14760 standard; protein; 323 AA.

X C ADB14760;

X T 20-NOV-2003 (first entry)

X E Human PRO polypeptide #136.

X M Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour; cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix; liver; microvascular endothelial cell; glucose; FFA; skeletal muscle cell; adipocyte cell; pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell; endothelial cell tube formation; bone disorder; cartilage disorder; sports injury; proteoglycan; articular cartilage defect; osteoarthritis; rheumatoid arthritis; haemoglobin-associated disorder thalassaemia; immune system cell infiltration.

S Homo sapiens.

X N US2003087351-A1.

X D 08-MAY-2003.

X F 22-APR-2002; 2002US-00127822.

XX 17-JUN-1998; 98US-0089532P.  
PR 02-JUN-1999; 99WO-US012252.  
PR 25-AUG-1999; 99US-00380137.  
PR 30-NOV-1999; 99WO-US028313.  
PR 01-DEC-2000; 2000WO-US032878.  
PR 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-786942/74.  
XX N-PSDB; ADB14759.  
XX New PRO nucleic acid, useful for manufacturing a medicament for  
PT diagnosing or treating tumor.  
XX Claim 12; Fig 272; 637pp; English.  
PS The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at seqdata.uspto.gov/sequence.html.  
XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

Db 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDROYACHLGCQ 120

Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDROYACHLGCQ 120

Qy 121 LPTFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPTFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180



R 28-APR-1999; 99US-0131445P.  
R 14-MAY-1999; 99US-0134287P.  
R 14-MAY-1999; 99WO-US010733.  
R 02-JUN-1999; 99WO-US012252.  
R 16-JUN-1999; 99US-0139557P.  
R 23-JUN-1999; 99US-0141037P.  
R 07-JUL-1999; 99US-0142680P.  
R 26-JUL-1999; 99US-0145698P.  
R 28-JUL-1999; 99US-0146232P.  
R 29-OCT-1999; 99US-0162506P.  
R 30-NOV-1999; 99WO-US028313.  
R 02-DEC-1999; 99WO-US028551.  
R 16-DEC-1999; 99WO-US028565.  
R 16-DEC-1999; 99WO-US031243.  
R 30-DEC-1999; 99WO-US031274.  
R 05-JAN-2000; 2000WO-US000219.  
R 06-JAN-2000; 2000WO-US000277.  
R 06-JAN-2000; 2000WO-US000376.  
R 11-FEB-2000; 2000WO-US003565.  
R 18-FEB-2000; 2000WO-US004341.  
R 24-FEB-2000; 2000WO-US005004.  
R 02-MAR-2000; 2000WO-US005841.  
R 10-MAR-2000; 2000WO-US006319.  
R 21-MAR-2000; 2000WO-US007532.  
R 30-MAR-2000; 2000WO-US008439.  
R 17-MAY-2000; 2000WO-US013705.  
R 22-MAY-2000; 2000WO-US014042.  
R 30-MAY-2000; 2000WO-US014941.  
R 02-JUN-2000; 2000WO-US015264.  
R 28-JUL-2000; 2000WO-US020710.  
R 24-AUG-2000; 2000WO-US023328.  
R 01-DEC-2000; 2000WO-US032878.  
R 20-DEC-2000; 2000WO-US034956.  
R 28-FEB-2001; 2001WO-US006520.  
R 22-MAR-2001; 2001WO-US009552.  
R 25-MAY-2001; 2001WO-US017092.  
R 01-JUN-2001; 2001WO-US017800.  
R 20-JUN-2001; 2001WO-US019692.  
R 29-JUN-2001; 2001WO-US021066.  
R 09-JUL-2001; 2001WO-US021735.  
R 30-JUL-2001; 2001US-00918585.  
(G8TH ) GENENTECH INC.  
Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NP, Roy MA, Shelton DL;  
Stewart WA, Tumas D, Williams PM, Wood WI;  
WPI: 2003-521814/49.  
N-PSDB; ADA24868.  
New isolated PRO polypeptides for example extracellular, secreted and  
membrane bound proteins, useful for modulating the biological activities  
of cells and for treating, for example diabetes, cancer, rheumatoid  
arthritis, and hearing loss.  
Claim 12; Fig 132; 461pp; English.  
The invention describes an isolated secreted and transmembrane (PRO)  
polypeptide (1). PRO337 polypeptide is useful for detecting PRO4993  
polypeptide in a sample, and vice versa. PRO725, PRO700 and PRO739 are  
useful for detecting PRO1559 polypeptide in a sample, and PRO1559 is  
useful for detecting PRO725, PRO700 and PRO739 in a sample. PRO4993 is  
useful for linking a bioactive molecule to a cell expressing a PRO337  
polypeptide, and PRO337 is useful for linking a bioactive molecule to a  
cell expressing a PRO4993 polypeptide. PRO1559 is useful for linking a  
bioactive molecule to a cell expressing a PRO735, PRO700 and PRO739

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGSLSWRTQGLPPLPILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
|||  
Db 1 MAAPKGSLSWRTQGLPPLPILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
|||  
Qy 61 YPKHEELYACQRCRLFSICQFVDDGIDILNRKLECSACTEAYSQSDRYACHLGCQNO 120  
|||  
Db 61 YPKHEELYACQRCRLFSICQFVDDGIDILNRKLECSACTEAYSQSDRYACHLGCQNO 120  
|||  
Qy 121 LPFAELRQEQLSLMPKXHLPLPILVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180  
|||  
Db 121 LPFAELRQEQLSLMPKXHLPLPILVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180  
|||  
Qy 181 QSKPEIOYAPHLRQEPNTLRSSLSKMSYLOMNSQAHNLFLEDSGDFLRCLSLNSGW 240  
|||  
Db 181 QSKPEIOYAPHLRQEPNTLRSSLSKMSYLOMNSQAHNLFLEDSGDFLRCLSLNSGW 240  
|||  
Qy 241 ILTTTLVLSVWLLWICCATVATVAVQYVPSEKLSYGLDFPMNEQKLNRYPASSLVVVR 300  
|||  
Db 241 ILTTTLVLSVWLLWICCATVATVAVQYVPSEKLSYGLDFPMNEQKLNRYPASSLVVVR 300  
|||  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
|||  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
|||  
RESULT 42  
ADBI8721  
ID ADBI8721 standard; protein; 323 AA.  
XX AC ADBI8721;  
XX DT 20-NOV-2003 (first entry)  
XX DE Novel human secreted and transmembrane protein PRO195.  
XX KW Human; secreted and transmembrane protein; PRO;  
KW Tumor necrosis factor alpha release; TNF-alpha release;  
KW glucose uptake modulator; GFA uptake modulator;  
KW cell proliferation stimulator; cell differentiation stimulator;  
KW cell differentiation inhibitor; cytokine release.  
XX OS Homo sapiens.  
XX FN US2003073211-A1.  
XX PD 17-APR-2003.  
XX PF 15-APR-2002; 2002US-00123292.  
XX PR 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 16-SEP-1998; 98WO-US019177.  
PR 17-SEP-1998; 98WO-US019330.  
PR 17-SEP-1998; 98WO-US019437.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022991.  
PR 29-OCT-1998; 98WO-US022992.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 20-APR-1999; 99WO-US008615.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 01-SEP-1999; 99WO-US020111.

PR 08-SEP-1999; 99WO-US020594.  
PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 05-OCT-1999; 99WO-US023089.  
PR 29-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030311.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005246.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032878.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 01-MAR-2001; 2001WO-US006520.  
PR 09-MAR-2001; 2001WO-US006566.  
PR 14-MAR-2001; 2001US-00802706.  
PR 22-MAR-2001; 2001US-00808689.  
PR 05-APR-2001; 2001US-00816744.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854208.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 01-JUN-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 05-JUN-2001; 2001WO-US017800.  
PR 14-JUN-2001; 2001US-00882503.  
PR 19-JUN-2001; 2001US-00882636.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020316.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.

PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
PR (GETH ) GENENTECH INC.  
PR Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PR Gerritsen ME, Goddard A, Godowski FJ, Gurney AL, Sherwood S;  
PR Smith V, Stewart TA, Tumas D, Watanabe CX, Wood WI, Zhang Z;  
PR WPI; 2003-695954/66.  
PR N-PSDB; ADB18720.  
PR New isolated nucleic acid and encoded PRO polypeptide, are useful in the  
PR diagnosis and treatment of cancer.  
PR Claim 12; Fig 272; 638pp; English.  
PR The invention describes 305 nucleic acids encoding PRO (secreted and  
PR transmembrane) polypeptides (I). (I) is useful for stimulating the  
PR release of TNF-alpha from human blood, for modulating the uptake of  
PR glucose or FFA by skeletal muscle cells or adipocyc  
PR Sequence 323 AA;  
PR Query Match 100.0%; Score 1694; DB 6; Length 323;  
PR Best Local Similarity 100.0%; Ered. No. 5.5e-167;  
PR Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGLAVRTQLGLPPLILLITMALAGSGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGLAVRTQLGLPPLILLITMALAGSGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKEELIYACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQVACHLGCQNQ 120  
DB 61 YPKEELIYACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDEQVACHLGCQNQ 120  
QY 121 LPFAELROQLMSLPKPMELLIPPLIVRSFSDMDMSAQSPITSSWTFYLDADGKIVIF 180  
DB 121 LPFAELROQLMSLPKPMELLIPPLIVRSFSDMDMSAQSPITSSWTFYLDADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNLRESLSKNSYLQWRNSQAHNFLEDESGDFLRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNLRESLSKNSYLQWRNSQAHNFLEDESGDFLRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMCCATVATVAVQVPEKLSIYGDLEFMEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMCCATVATVAVQVPEKLSIYGDLEFMEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLTKVNLAHSEI 323  
DB 301 SKTEDHEERAGPLTKVNLAHSEI 323  
RESULT 43  
ADA93936  
ID ADA93936 standard; protein; 323 AA.  
XX AC ADA93936;  
XX DT 20-NOV-2003 (first entry)  
XX Human PRO polypeptide #136.  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; paricycle cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;



W rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
 W immune system cell infiltration.  
 X Homo sapiens.  
 X US2003077722-A1.  
 X 24-APR-2003.  
 X 03-MAY-2002; 2002US-00137872.  
 X 03-MAR-2000; 2000US-0187202P.  
 R 01-DEC-2000; 2000WO-US032678.  
 R 19-DEC-2001; 2001US-00028072.  
 X (GETH ) GENENTECH INC.  
 X Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 I Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 I Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 X WPI; 2003-755077/71.  
 R N-PSDB; ADA93935.  
 X New isolated, secreted and transmembrane PRO nucleic acid, useful for the  
 X diagnosis, prevention and/or treatment of tumors, such as lung, colon,  
 X breast, prostate, rectal, cervical and/or liver tumors.  
 X Claim 12; Fig 272; 637pp; English.  
 X The invention relates to isolated human PRO polypeptides (secreted and  
 X transmembrane polypeptides) and the polynucleotides encoding them. The  
 X invention also relates to an antibody which specifically binds to a PRO  
 X polypeptide, a method for stimulating the release of tumour necrosis  
 X factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 X proliferation or differentiation of chondrocyte cells and a method for  
 X detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 X colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 X polynucleotides are useful in molecular biology, including uses as  
 X hybridisation probes, in chromosome and gene mapping, in generating  
 X antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 X be used in preparing PRO polypeptides by recombinant techniques and in  
 X generating either transgenic animals or knock-out animals which are  
 X useful in the development and screening of therapeutically useful  
 X reagents. The PRO polypeptides or antibodies are used in preparing a  
 X medicament for treating a condition responsive to the polypeptides or  
 X antibodies, such as tumours, for stimulating and inhibiting proliferation  
 X of human microvascular endothelial cells, for modulating the uptake of  
 X glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 X stimulating differentiation of adipocyte cells, for stimulating  
 X the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 X cells, for inducing endothelial cell tube formation and for treating  
 X various bone and/or cartilage disorders such as sports injuries and  
 X arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 X from cartilage are useful for treating sports-related joint problems,  
 X articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 X polypeptides are also useful for treating various mammalian haemoglobin-  
 X associated disorders such as various thalassaemias and conditions which  
 X may benefit from enhanced local immune system cell infiltration. This  
 X sequence represents a human PRO polypeptide of the invention. Note: The  
 X sequence data for this patent is also available in electronic format from  
 X USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
 X Sequence 323 AA;  
 X Query Match 100.0%; Score 1694; DB 6; Length 323;  
 X Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 X Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 X 1 MAAPKGSLSWRTQGLPPLLMLITWALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
 X 1 MAAPKGSLSWRTQGLPPLLMLITWALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60

QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLCQNO 120  
 DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLCQNO 120  
 QY 121 LPPAELEQELMSLMPKHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
 DB 121 LPPAELEQELMSLMPKHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
 QY 181 QSKPEIQYAPHELEQPTNLRSSLSKMSYLOMNSQAHNRNLFEDGESDGLRCLSLNSGW 240  
 DB 181 QSKPEIQYAPHELEQPTNLRSSLSKMSYLOMNSQAHNRNLFEDGESDGLRCLSLNSGW 240  
 QY 241 ILTTLVLSTVNLWICCATVATAVEQYVSEKLSYGDLEFNEOKLNEYPASSLVVVR 300  
 DB 241 ILTTLVLSTVNLWICCATVATAVEQYVSEKLSYGDLEFNEOKLNEYPASSLVVVR 300  
 QY 301 SKTDEHEAGPLPTKVNLAHSEI 323  
 DB 301 SKTDEHEAGPLPTKVNLAHSEI 323  
 X ADB19832 standard; protein; 323 AA.  
 X AC ADB19832;  
 X DT 20-NOV-2003 (first entry)  
 X DE Novel human secreted and transmembrane protein PRO195.  
 X Human; secreted and transmembrane protein; PRO;  
 X Tumour necrosis factor alpha release; TNF-alpha release;  
 X Glucose uptake modulator; FFA uptake modulator;  
 X Cell proliferation stimulator; Cell differentiation stimulator;  
 X Cell differentiation inhibitor; cytokine release stimulator; tumour;  
 X lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
 X cervical tumour; liver tumour; chromosome mapping; gene mapping;  
 X gene therapy; chromosome identification; chromosome marker.  
 X Homo sapiens.  
 X US2003082691-A1.  
 X 01-MAY-2003.  
 X 22-APR-2002; 2002US-00127838.  
 X 17-NOV-1998; 98US-0108802P.  
 X 01-SEP-1999; 99WO-US020111.  
 X 18-OCT-1999; 99US-00403297.  
 X 18-FEB-2000; 2000WO-US004342.  
 X 02-JUN-2000; 2000WO-US015264.  
 X 23-AUG-2000; 2000WO-US023522.  
 X 01-DEC-2000; 2000WO-US032678.  
 X 19-DEC-2001; 2001US-00028072.  
 X (GETH ) GENENTECH INC.  
 X Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 I Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 I Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 X WPI; 2003-755108/71.  
 R N-PSDB; ADB19831.  
 X PRO nucleic acid, useful for preparing a composition for treating e.g.,  
 X tumor or for tissue typing.  
 X Claim 12; Fig 272; 637pp; English.  
 X The invention describes 305 nucleic acids encoding PRO (secreted and

transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from BMC cells, for inhibiting the binding of a-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5,5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
QY 1 MAAPKGLSVRTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQTYPLHT 60  
DB 1 MAAPKGLSVRTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQTYPLHT 60  
QY 61 YPKEELYACQRCRFLPSICQVDDGIDLNRLTKLCEASCTEAYSQSDQVACHLGCQ 120  
DB 61 YPKEELYACQRCRFLPSICQVDDGIDLNRLTKLCEASCTEAYSQSDQVACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSPITSSWTFYLAQDDKIVIF 180  
DB 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSPITSSWTFYLAQDDKIVIF 180  
QY 181 QSKPEIQYAPHLQEPNTLRSSLSXMSYLVQRNSQAHNPLEDGSQGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQEPNTLRSSLSXMSYLVQRNSQAHNPLEDGSQGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWCATVATVQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLWCATVATVQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLTKVNLHSEI 323  
DB 301 SKTEDEHEAGPLTKVNLHSEI 323

RESULT 45  
ADB13144  
ID ADB13144 standard; protein; 323 AA.  
XX ADB13144;  
XX AC  
XX AC  
DT 20-NOV-2003 (first entry)  
XX Human PRO polypeptide #136.  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX Homo sapiens.  
XX US2003082710-A1.  
XX 01-MAY-2003.  
XX 16-MAY-2002; 2002US-00147484.  
XX 09-DEC-1999; 99US-0170262P.  
XX 01-DEC-2000; 2000WO-US032678.  
XX 19-DEC-2001; 2001US-00028072.  
XX (GENTH ) GENENTECH INC.  
XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
XX Gerritsen ME, Goddard A, Godowski FJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;  
XX WPI; 2003-786913/74.  
XX N-PSDB; ADB13143.  
XX New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide,  
XX preparing a composition for treating e.g., tumor, or for tissue typing.  
PT Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5,5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;



XX PA (GETH ) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;

XX WPI; 2003-492275/46.

DR DR N-PSDB; ACD98559.

XX PT New transmembrane polypeptides and nucleic acids encoding the

XX PT polypeptides, useful in gene therapy, in chromosome identification, as

XX PT chromosome markers, or in generating probes.

XX PS Claim 12; Fig 272; 660pp; English.

XX PS The invention describes an isolated nucleic acid encoding a PRO (secreted

XX CC and transmembrane) polypeptide. Nucleic acids which encode PRO can be

XX CC used to generate either transgenic animals or knock-out animals useful in

XX CC developing and screening of therapeutically useful reagents. The nucleic

XX CC acids may also be used in gene therapy, in chromosome identification, as

XX CC chromosome markers, or in generating probes. The PRO polypeptides are

XX CC useful as molecular markers for protein electrophoresis, and the isolated

XX CC nucleic acids may be used for recombinantly expressing those markers. The

XX CC PRO polypeptides and nucleic acids may also be used in tissue typing.

XX CC Anti-PRO antibodies are useful in diagnostic assays for PRO, and in

XX CC affinity purification of PRO from recombinant cell culture or natural

XX CC sources. This is the amino acid sequence of a novel human secreted and

XX CC transmembrane PRO polypeptide

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5, 5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLET 60

Db 1 MAAPKGLWVRLTGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLET 60

Qy 61 YPKEEELVACQRCRLFSICQFVDDGIDLRNKLCEASCTEAYSQSDQVACHLGCQNQ 120

Db 61 YPKEEELVACQRCRLFSICQFVDDGIDLRNKLCEASCTEAYSQSDQVACHLGCQNQ 120

Qy 121 LPFAELRQEQQLMSLMPKMLHLLPFLTLVRSFWSMDMSAQSPITSSNTFYLAQDDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMLHLLPFLTLVRSFWSMDMSAQSPITSSNTFYLAQDDGKIVIF 180

Qy 181 QSKPEIQYAPHLRQEPNTNLESSLSKMSYLOMNSQAHNFLEDSGDFLCLSLNSGW 240

Db 181 QSKPEIQYAPHLRQEPNTNLESSLSKMSYLOMNSQAHNFLEDSGDFLCLSLNSGW 240

Qy 241 ILTTLVLVSWVLLTCCATVATAVQYVPESEKLSIYGDLEFMNQKLNRYPASSLVVVR 300

Db 241 ILTTLVLVSWVLLTCCATVATAVQYVPESEKLSIYGDLEFMNQKLNRYPASSLVVVR 300

Qy 301 SKTEDEEAGPLTKVNLHSEI 323

Db 301 SKTEDEEAGPLTKVNLHSEI 323

RESULT 47

ABO19690

ID ABO19690 standard; protein; 323 AA.

XX AC

XX AC ABO19690;

XX DT 08-SEP-2003 (first entry)

XX DE Novel human secreted and transmembrane protein PRO195.

XX KW Human; secreted and transmembrane protein; PRO; cell death; neuropathy;

XX KW peripheral neuropathy; diabetic peripheral neuropathy;

KW AIDS-associated neuropathy; Charcot-Marie-Tooth disease;

KW Refsum's disease; Abetalipoproteinaemia; Tangier disease;

KW Krabbe's disease; Metachromatic leukodystrophy; Fabry's disease;

XX Dejerine-Sottas syndrome; chromosome mapping; gene mapping; gene therapy.

OS Homo sapiens.

XX US2003050240-A1.

PN 13-MAR-2003.

XX 16-OCT-2001; 2001US-00978403.

XX 17-OCT-1997; 97US-0062250P.

PR 03-NOV-1997; 97US-0064249P.

PR 13-NOV-1997; 97US-0065311P.

PR 21-NOV-1997; 97US-0065364P.

PR 10-MAR-1998; 98US-0077450P.

PR 11-MAR-1998; 98US-0077632P.

PR 11-MAR-1998; 98US-0077641P.

PR 11-MAR-1998; 98US-0077649P.

PR 12-MAR-1998; 98US-0077791P.

PR 13-MAR-1998; 98US-0078004P.

PR 20-MAR-1998; 98US-0078886P.

PR 20-MAR-1998; 98US-0078910P.

PR 20-MAR-1998; 98US-0078936P.

PR 25-MAR-1998; 98US-0079294P.

PR 26-MAR-1998; 98US-0079656P.

PR 27-MAR-1998; 98US-0079663P.

PR 27-MAR-1998; 98US-0079664P.

PR 27-MAR-1998; 98US-0079689P.

PR 27-MAR-1998; 98US-0079728P.

PR 27-MAR-1998; 98US-0079786P.

PR 30-MAR-1998; 98US-0079920P.

PR 30-MAR-1998; 98US-0079923P.

PR 31-MAR-1998; 98US-0080105P.

PR 31-MAR-1998; 98US-0080107P.

PR 31-MAR-1998; 98US-0080165P.

PR 31-MAR-1998; 98US-0080194P.

PR 01-APR-1998; 98US-0080327P.

PR 01-APR-1998; 98US-0080328P.

PR 01-APR-1998; 98US-0080333P.

PR 01-APR-1998; 98US-0080334P.

PR 08-APR-1998; 98US-0081049P.

PR 08-APR-1998; 98US-0081070P.

PR 08-APR-1998; 98US-0081071P.

PR 09-APR-1998; 98US-0081195P.

PR 09-APR-1998; 98US-0081203P.

PR 09-APR-1998; 98US-0081229P.

PR 15-APR-1998; 98US-0081817P.

PR 15-APR-1998; 98US-0081819P.

PR 15-APR-1998; 98US-0081838P.

PR 15-APR-1998; 98US-0081952P.

PR 15-APR-1998; 98US-0081955P.

PR 21-APR-1998; 98US-0082568P.

PR 21-APR-1998; 98US-0082569P.

PR 21-APR-1998; 98US-0082700P.

PR 22-APR-1998; 98US-0082704P.

PR 22-APR-1998; 98US-0082797P.

PR 22-APR-1998; 98US-0082804P.

PR 23-APR-1998; 98US-0082796P.

PR 27-APR-1998; 98US-0083336P.

PR 28-APR-1998; 98US-0083322P.

PR 29-APR-1998; 98US-0083392P.

PR 29-APR-1998; 98US-0083495P.

PR 29-APR-1998; 98US-0083496P.

PR 29-APR-1998; 98US-0083499P.

PR 29-APR-1998; 98US-0083500P.

PR 29-APR-1998; 98US-0083545P.

PR 29-APR-1998; 98US-0083554P.

PR 29-APR-1998; 98US-0083558P.

PR 29-APR-1998; 98US-0083559P.

30-APR-1998; 98US-0083742P.  
 05-MAY-1998; 98US-0084366P.  
 06-MAY-1998; 98US-0084414P.  
 06-MAY-1998; 98US-0084441P.  
 07-MAY-1998; 98US-0084588P.  
 07-MAY-1998; 98US-0084600P.  
 07-MAY-1998; 98US-0084627P.  
 07-MAY-1998; 98US-0084637P.  
 07-MAY-1998; 98US-0084639P.  
 07-MAY-1998; 98US-0084640P.  
 07-MAY-1998; 98US-0084643P.  
 13-MAY-1998; 98US-0085323P.  
 13-MAY-1998; 98US-0085338P.  
 13-MAY-1998; 98US-0085339P.  
 15-MAY-1998; 98US-0085573P.  
 15-MAY-1998; 98US-0085579P.  
 15-MAY-1998; 98US-0085580P.  
 15-MAY-1998; 98US-0085582P.  
 15-MAY-1998; 98US-0085689P.  
 15-MAY-1998; 98US-0085637P.  
 15-MAY-1998; 98US-0085700P.  
 15-MAY-1998; 98US-0085704P.  
 18-MAY-1998; 98US-0086023P.  
 22-MAY-1998; 98US-0086392P.  
 22-MAY-1998; 98US-0086414P.  
 22-MAY-1998; 98US-0086430P.  
 22-MAY-1998; 98US-0086486P.  
 28-MAY-1998; 98US-0087098P.  
 28-MAY-1998; 98US-0087106P.  
 28-MAY-1998; 98US-0087208P.  
 26-JUN-1998; 98US-0090863P.  
 26-JUN-1998; 98US-0091010P.  
 01-JUL-1998; 98US-0091359P.  
 30-JUL-1998; 98US-0094651P.  
 11-SEP-1998; 98US-0100038P.  
 07-OCT-1998; 98US-0100211P.  
 20-NOV-1998; 98US-0109304P.  
 20-NOV-1998; 98US-0109304P.  
 22-DEC-1998; 98US-0113296P.  
 23-DEC-1998; 98US-0113621P.  
 05-JAN-1999; 98US-0126773P.  
 08-MAR-1999; 98US-0130232P.  
 10-MAR-1999; 98US-0130232P.  
 12-MAR-1999; 98US-0130232P.  
 29-MAR-1999; 98US-0130232P.  
 21-APR-1999; 98US-0130232P.  
 26-APR-1999; 98US-0131022P.  
 14-MAY-1999; 98US-0134287P.  
 02-JUN-1999; 98US-0134287P.  
 16-JUN-1999; 98US-0139557P.  
 23-JUN-1999; 98US-0141037P.  
 07-JUL-1999; 98US-0142680P.  
 26-JUL-1999; 98US-0145698P.  
 28-JUL-1999; 98US-0146222P.  
 29-OCT-1999; 98US-0162505P.  
 02-DEC-1999; 98US-0202831P.  
 02-DEC-1999; 98US-0202855P.  
 16-DEC-1999; 98US-0202855P.  
 30-DEC-1999; 98US-0203009P.  
 30-DEC-1999; 98US-0203124P.  
 30-DEC-1999; 98US-0203127P.  
 05-JAN-2000; 2000US-0000219.  
 06-JAN-2000; 2000US-0000277.  
 11-FEB-2000; 2000US-000376.  
 18-FEB-2000; 2000US-0003565.  
 18-FEB-2000; 2000US-0004341.  
 24-FEB-2000; 2000US-0004341.  
 02-MAR-2000; 2000US-0005004.  
 10-MAR-2000; 2000US-0005841.  
 21-MAR-2000; 2000US-0007532.  
 30-MAR-2000; 2000US-0008439.  
 17-MAY-2000; 2000US-0013705.  
 22-MAY-2000; 2000US-0014042.  
 30-MAY-2000; 2000US-0014941.  
 02-JUN-2000; 2000US-0015264.  
 28-JUL-2000; 2000US-0020710.  
 24-AUG-2000; 2000US-0023328.  
 01-DEC-2000; 2000US-0032678.  
 20-DEC-2000; 2000US-0034956.  
 28-FEB-2001; 2001US-0006520.  
 22-MAR-2001; 2001US-0009552.  
 25-MAY-2001; 2001US-0017092.  
 01-JUN-2001; 2001US-0017800.  
 20-JUN-2001; 2001US-0019692.  
 29-JUN-2001; 2001US-0021066.  
 09-JUL-2001; 2001US-0021735.  
 30-JUL-2001; 2001US-00918585.  
 (GETH ) GENENTECH INC.  
 Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 Goddard A, Godowski RJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 Kljavin IU, Kuo SS, Napier MA, Pan J, Paoni NP, Roy MA, Shelton DL;  
 Stewart TR, Tumas D, Williams PM, Wood WL;  
 WPI; 2003-503575/47.  
 N-PSDB; ACD29885.  
 Novel secreted and transmembrane polypeptide for modulating biological  
 activity of cell expressing the polypeptide, identifying agonists or  
 antagonists of polypeptide, and as molecular weight markers.  
 Claim 12; Fig 132; 459pp; English.  
 The invention describes an isolated, secreted and transmembrane  
 polypeptide, termed PRO polypeptide (I). (I) is useful for detecting  
 PRO4993, PRO337, PRO1559, PRO725, PRO700 or PRO739 polypeptide, and for  
 linking a bioactive molecule to a cell expressing the above polypeptides.  
 The bioactive molecule is a toxin, radiolabel or an antibody and causes  
 cell death. (I) is useful as therapeutic agent, in medical and industrial  
 applications e.g. for treating neuropathy, especially peripheral  
 neuropathy, diabetic peripheral neuropathy, AIDS-associated neuropathy,  
 Charcot-Marie-Tooth disease, Refsum's disease, Abetalipoproteinemia,  
 Tangier disease, Krabbe's disease, Metachromatic leukodystrophy, Fabry's  
 Query Match 100.0%; Score 1694; DB 6; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKGSLSWVETOLGLPELPLALLTWALAGSGSTASARAFDSVLGDTASCHRAQOLTYPLHT 60  
 DB 1 MAAPKGSLSWVETOLGLPELPLALLTWALAGSGSTASARAFDSVLGDTASCHRAQOLTYPLHT 60  
 QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLCESACTEAYSQSDROYACHLQGMQ 120  
 DB 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLCESACTEAYSQSDROYACHLQGMQ 120  
 QY 121 LPFAELROELMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIP 180  
 DB 121 LPFAELROELMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIP 180  
 QY 181 OSKPEIQYAPHLQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 DB 181 OSKPEIQYAPHLQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
 DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
 QY 301 SKTEDEHBEAGPLPTKYNLHSEI 323  
 DB 301 SKTEDEHBEAGPLPTKYNLHSEI 323



PR 16-JUN-1999; 99US-0139557P.  
PR 23-JUN-1999; 99US-0141037P.  
PR 07-JUL-1999; 99US-0142680P.  
PR 26-JUL-1999; 99US-0145698P.  
PR 28-JUL-1999; 99US-0146222P.  
PR 25-AUG-1999; 99US-00380137.  
PR 25-AUG-1999; 99US-00380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 25-OCT-1999; 99US-0142506P.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028551.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 05-JAN-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 28-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 21-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.

(GETH) GENENTECH INC.

PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
PI Ferrata N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;

1 MAAPKGSILWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

1 MAAPKGSILWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

61 YPKKEELYACORGRLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLCQCNQ 120

61 YPKKEELYACORGRLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLCQCNQ 120

121 LPFAELRQELMSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

121 LPFAELRQELMSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOVRNSQAHNFLEDESDFLRCLSINSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOVRNSQAHNFLEDESDFLRCLSINSGW 240  
QY 241 ILTTTLVLSVWMLWICCATVATAVEQVVPSEKLSIYGDLEFFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWMLWICCATVATAVEQVVPSEKLSIYGDLEFFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 49

ADA74398

ID ADA74398 standard; protein, 323 AA.

XX ADA74398;

XX 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; PPA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX Homo sapiens.

XX US2003068798-A1.

XX 10-APR-2003.

XX 07-MAY-2002; 2002US-00140928.

XX 31-MAR-1997; 97WO-US005230.

XX 12-JUN-1998; 98WO-US012456.

XX 14-JUL-1998; 98WO-US014552.

XX 28-AUG-1998; 98WO-US017888.

XX 10-SEP-1998; 98WO-US018824.

XX 14-SEP-1998; 98WO-US019093.

XX 14-SEP-1998; 98WO-US019094.

XX 16-SEP-1998; 98WO-US019177.

XX 17-SEP-1998; 98WO-US019437.

XX 07-OCT-1998; 98WO-US021141.

XX 29-OCT-1998; 98WO-US022991.

XX 20-NOV-1998; 98WO-US024855.

XX 01-DEC-1998; 98WO-US025108.

XX 05-JAN-1999; 99WO-US000106.

XX 08-MAR-1999; 99WO-US005028.

XX 10-MAR-1999; 99WO-US005190.

XX 20-APR-1999; 99WO-US008615.

XX 14-MAY-1999; 99WO-US010733.

XX 02-JUN-1999; 99WO-US012252.

XX 01-SEP-1999; 99WO-US020111.

XX 08-SEP-1999; 99WO-US020594.

XX 13-SEP-1999; 99WO-US020944.

XX 15-SEP-1999; 99WO-US021090.

XX 05-OCT-1999; 99WO-US021547.

XX 29-NOV-1999; 99WO-US023089.

XX 30-NOV-1999; 99WO-US028214.

XX 30-NOV-1999; 99WO-US028313.

XX 30-NOV-1999; 99WO-US028409.

PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005745.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 10-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006656.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00806899.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 18-MAY-2001; 2001US-00850216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 08-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
(GETH ) GENENTECH INC.  
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W,  
PI Gerritsen ME, Goddard A, Godowski RJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-625490/59.  
DR N-PSDB; ADA74397.  
XX Novel secreted and transmembrane PRO polypeptides and polynucleotides  
PT encoding them, useful for treating bone disorders, arthritis, heart  
PT attack, injuries, tumors, and stimulating release of Tumor Necrosis  
PT Factor-alpha from human blood.  
XX Claim 12; Fig 272; 659pp; English.  
XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems. PRO  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USFTO at seqdata.uspto.gov/sequence.html.  
XX SQ Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
DB 1 MAAPKGSLSWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
QY 61 YPKKEELIACQRCGLPFSICQFVDDGIDLNRTKLCEESACTEAYSQSDEQYACHLGCNQ 120  
DB 61 YPKKEELIACQRCGLPFSICQFVDDGIDLNRTKLCEESACTEAYSQSDEQYACHLGCNQ 120  
QY 121 LPPAEILRQQLMSLPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIP 180  
DB 121 LPPAEILRQQLMSLPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIP 180  
QY 181 QSKPEIQYAPHLEQEPPTNLRBSLSKMSYLOWRNSQAHNFTLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPPTNLRBSLSKMSYLOWRNSQAHNFTLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSWVLLWICCATVATAVEQYVVPSEKLSYIGDLEFPMNEQKLNRYPASSLVVR 300  
DB 241 ILTTTLVLSWVLLWICCATVATAVEQYVVPSEKLSYIGDLEFPMNEQKLNRYPASSLVVR 300



2Y 301 SKTDEHREAGPLTKVNLHSEI 323  
 301 SKTDEHREAGPLTKVNLHSEI 323

RESULT 50

ADB24631

ID ADB24631 standard; protein; 323 AA.

AC ADB24631;

20-NOV-2003 (first entry)

Human PRO polypeptide SEQ ID NO 272.

Human; PRO; secreted polypeptide; transmembrane polypeptide;

tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

liver; microvascular endothelial cell; glucose; FFA;

skeletal muscle cell; adipocyte cell; pericyte cell;

inner ear utricular supporting cell; T-lymphocyte cell;

endothelial cell tube formation; bone disorder; cartilage disorder;

sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

immune system cell infiltration.

Homo sapiens.

US2003077713-A1.

24-APR-2003.

22-APR-2002; 2002US-00127839.

05-JUN-2000; 2000US-0209832P.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Deanovers L, Filvaroff E, Gao W;

Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

Smith V, Stewart RA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-755068/71.

N-PSDB; ADB24630.

New isolated, secreted and transmembrane PRO polypeptides and nucleic

acids, useful for the diagnosis, prevention and/or treatment of tumors,

such as lung, colon, breast, prostate, rectal, cervical and/or liver

tumors.

Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and

transmembrane polypeptides) and the polynucleotides encoding them. The

invention also relates to an antibody which specifically binds to a PRO

polypeptide, a method for stimulating the release of tumour necrosis

factor-alpha (TNF-alpha) from human blood, a method for stimulating the

proliferation or differentiation of chondrocyte cells and a method for

detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

polynucleotides are useful in molecular biology, including uses as

hybridisation probes, in chromosome and gene mapping, in generating

antisense RNA and DNA and in gene therapy. The polynucleotides may also

be used in preparing PRO polypeptides by recombinant techniques and in

generating either transgenic animals or knock-out animals which are

useful in the development and screening of therapeutically useful

reagents. The PRO polypeptides or antibodies are used in preparing a

medicament for treating a condition responsive to the polypeptides or

antibodies, such as tumours, for stimulating and inhibiting proliferation

of human microvascular endothelial cells, for modulating the uptake of

glucose or FFA by skeletal muscle cells or adipocyte cells, for

stimulating differentiation of adipocyte cells, for stimulating  
 proliferation of or gene expression in pericyte cells, for stimulating  
 the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 cells, for inducing endothelial cell tube formation and for treating  
 various bone and/or cartilage disorders such as sports injuries and  
 arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 from cartilage are useful for treating sports-related joint problems.  
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 polypeptides are also useful for treating various mammalian haemoglobin-  
 associated disorders such as various thalassaemias and conditions which  
 may benefit from enhanced local immune system cell infiltration. This  
 CC sequence represents a human PRO polypeptide of the invention. Note: The  
 CC sequence data for this patent is also available in electronic format from  
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTTPLT 60

DB 1 MAAPKGSILWVTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTTPLT 60

QY 61 YPKSEELVACQCGCLPSICQFVDDGIDILARTKLECSACTEAYSQSDQVACHLGCQ 120

DB 61 YPKSEELVACQCGCLPSICQFVDDGIDILARTKLECSACTEAYSQSDQVACHLGCQ 120

QY 121 LPFAELRQQLMSLMPKQHLLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADGKIVIF 180

DB 121 LPFAELRQQLMSLMPKQHLLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADGKIVIF 180

QY 181 QSKPEIQVAPHLRQEPNLRESSLSKMSYLOMRNSQAHNFLEBGSDFGLRCLSLNSGW 240

DB 181 QSKPEIQVAPHLRQEPNLRESSLSKMSYLOMRNSQAHNFLEBGSDFGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVFPSEKLSIYGDLEFMMNEQKLNRYPASSLVVVR 300

DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVFPSEKLSIYGDLEFMMNEQKLNRYPASSLVVVR 300

QY 301 SKTDEHREAGPLTKVNLHSEI 323

DB 301 SKTDEHREAGPLTKVNLHSEI 323

RESULT 51

ADA82155

ID ADA82155 standard; protein; 323 AA.

XX AC ADA82155;

XX DT 20-NOV-2003 (first entry)

XX DE Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;

tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

liver; microvascular endothelial cell; glucose; FFA;

skeletal muscle cell; adipocyte cell; pericyte cell;

inner ear utricular supporting cell; T-lymphocyte cell;

endothelial cell tube formation; bone disorder; cartilage disorder;

sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

immune system cell infiltration.

Homo sapiens.

US2003082701-A1.

01-MAY-2003.

23-APR-2002; 2002US-00128686.

QY 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180  
DB 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180  
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOQNSQARNFLHEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOQNSQARNFLHEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTLVLVSWLLWLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTLVLVSWLLWLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHERAGPLPTKVNLAHSEI 323

## RESULT 52

ADAV5118

ID ADA75118 standard; protein; 323 AA.

XX AC ADA75118;

DT 20-NOV-2003 (first entry)

XX DE Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
XX liver; microvascular endothelial cell; glucose; FFA;  
XX skeletal muscle cell; adipocyte cell; pericyte cell;  
XX inner ear utricular supporting cell; T-lymphocyte cell;  
XX endothelial cell tube formation; bone disorder; cartilage disorder;  
XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
XX rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
XX immune system cell infiltration.

OS Homo sapiens.

XX US2003073216-A1.

XX PD 17-APR-2003.

XX PF 30-MAY-2002; 2002US-00160498.

XX PR 31-MAR-1997; 97WO-US005230.

XX PR 12-JUN-1998; 98WO-US012456.

XX PR 14-JUL-1998; 98WO-US014552.

XX PR 28-AUG-1998; 98WO-US017888.

XX PR 10-SEP-1998; 98WO-US018824.

XX PR 14-SEP-1998; 98WO-US019093.

XX PR 14-SEP-1998; 98WO-US019094.

XX PR 14-SEP-1998; 98WO-US019177.

XX PR 16-SEP-1998; 98WO-US019330.

XX PR 17-SEP-1998; 98WO-US019437.

XX PR 07-OCT-1998; 98WO-US021141.

XX PR 29-OCT-1998; 98WO-US022991.

XX PR 29-OCT-1998; 98WO-US022992.

XX PR 20-NOV-1998; 98WO-US034855.

XX PR 03-JAN-1999; 99WO-US000106.

XX PR 08-MAR-1999; 99WO-US005028.

XX PR 10-MAR-1999; 99WO-US005190.

XX PR 20-APR-1999; 99WO-US008615.

XX PR 14-MAY-1999; 99WO-US010733.

XX PR 02-JUN-1999; 99WO-US012252.

XX PR 01-SEP-1999; 99WO-US020111.

XX PR 08-SEP-1999; 99WO-US020594.

XX PR 13-SEP-1999; 99WO-US020944.

XX PR 15-SEP-1999; 99WO-US021090.

XX PR 15-SEP-1999; 99WO-US021547.

XX PR 05-OCT-1999; 99WO-US023089.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski P, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

DR WPI; 2003-755110/71.

DR N-FSDB; ADA62154.

XX PRO nucleic acid, useful for preparing a composition for treating e.g.,  
XX tumor or for tissue typing.

PS Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumour necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also  
XX be used in preparing PRO polypeptides by recombinant techniques and in  
XX generating either transgenic animals or knock-out animals which are  
XX useful in the development and screening of therapeutically useful  
XX reagents. The PRO polypeptides or antibodies are used in preparing a  
XX medicament for treating a condition responsive to the polypeptides or  
XX antibodies, such as tumours, for stimulating and inhibiting proliferation  
XX of human microvascular endothelial cells, for modulating the uptake of  
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for  
XX stimulating differentiation of adipocyte cells, for stimulating  
XX proliferation of or gene expression in pericyte cells, for stimulating  
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte  
XX cells, for inducing endothelial cell tube formation and for treating  
XX various bone and/or cartilage disorders such as sports injuries and  
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans  
XX from cartilage are useful for treating sports-related joint problems,  
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
XX polypeptides are also useful for treating various mammalian haemoglobin-  
XX associated disorders such as various thalassaemias and conditions which  
XX may benefit from enhanced local immune system cell infiltration. This  
XX sequence represents a human PRO polypeptide of the invention. Note: The  
XX sequence data for this patent is also available in electronic format from  
XX USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

Query Match 100.0%; Score 1594; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRVQLGPPPLLLLTALAGSGGTASAEFDSVLGDTASCHRAQLTYPLHT 60

DB 1 MAAPKGLWVRVQLGPPPLLLLTALAGSGGTASAEFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKREELYACQRCGRFLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120

DB 61 YPKREELYACQRCGRFLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120

29-NOV-1999; 99WO-US028214.  
R 30-NOV-1999; 99WO-US028313.  
R 30-NOV-1999; 99WO-US028409.  
R 01-DEC-1999; 99WO-US028301.  
R 01-DEC-1999; 99WO-US028634.  
R 02-DEC-1999; 99WO-US028551.  
R 02-DEC-1999; 99WO-US028564.  
R 02-DEC-1999; 99WO-US028565.  
R 16-DEC-1999; 99WO-US030095.  
R 16-DEC-1999; 99WO-US030095.  
R 20-DEC-1999; 99WO-US030911.  
R 20-DEC-1999; 99WO-US030999.  
R 22-DEC-1999; 99WO-US030720.  
R 30-DEC-1999; 99WO-US031243.  
R 30-DEC-1999; 99WO-US031274.  
R 05-JAN-2000; 2000WO-US000219.  
R 06-JAN-2000; 2000WO-US000277.  
R 06-JAN-2000; 2000WO-US000376.  
R 11-FEB-2000; 2000WO-US003565.  
R 18-FEB-2000; 2000WO-US004341.  
R 18-FEB-2000; 2000WO-US004342.  
R 22-FEB-2000; 2000WO-US004414.  
R 24-FEB-2000; 2000WO-US004914.  
R 24-FEB-2000; 2000WO-US005004.  
R 01-MAR-2000; 2000WO-US005501.  
R 02-MAR-2000; 2000WO-US005746.  
R 02-MAR-2000; 2000WO-US005841.  
R 10-MAR-2000; 2000WO-US006319.  
R 15-MAR-2000; 2000WO-US006884.  
R 20-MAR-2000; 2000WO-US007377.  
R 21-MAR-2000; 2000WO-US007532.  
R 30-MAR-2000; 2000WO-US008439.  
R 17-MAY-2000; 2000WO-US013705.  
R 22-MAY-2000; 2000WO-US014042.  
R 30-MAY-2000; 2000WO-US014941.  
R 02-JUN-2000; 2000WO-US015264.  
R 28-JUL-2000; 2000WO-US020710.  
R 11-AUG-2000; 2000WO-US022031.  
R 23-AUG-2000; 2000WO-US023328.  
R 24-AUG-2000; 2000WO-US023328.  
R 08-NOV-2000; 2000WO-US030952.  
R 10-NOV-2000; 2000WO-US030873.  
R 01-DEC-2000; 2000WO-US032678.  
R 20-DEC-2000; 2000US-00747259.  
R 20-DEC-2000; 2000WO-US034956.  
R 28-FEB-2001; 2000WO-US0796498.  
R 28-FEB-2001; 2001WO-US006520.  
R 01-MAR-2001; 2001WO-US006566.  
R 09-MAR-2001; 2001US-00802706.  
R 14-MAR-2001; 2001US-00806889.  
R 22-MAR-2001; 2001US-00816744.  
R 05-APR-2001; 2001US-00828366.  
R 10-MAR-2001; 2001US-00854208.  
R 18-MAY-2001; 2001US-00860216.  
R 25-MAY-2001; 2001US-00866028.  
R 25-MAY-2001; 2001US-00866034.  
R 25-MAY-2001; 2001WO-US017092.  
R 01-JUN-2001; 2001US-00872035.  
R 01-JUN-2001; 2001WO-US017800.  
R 05-JUN-2001; 2001US-00874503.  
R 14-JUN-2001; 2001US-00882636.  
R 19-JUN-2001; 2001US-00886342.  
R 20-JUN-2001; 2001WO-US019692.  
R 21-JUN-2001; 2001US-00887879.  
R 22-JUN-2001; 2001WO-US020116.  
R 29-JUN-2001; 2001WO-US021066.  
R 09-JUL-2001; 2001WO-US021735.  
R 18-JUL-2001; 2001US-00908827.  
R 06-AUG-2001; 2001US-00924419.  
R 09-AUG-2001; 2001US-00927796.  
R 16-AUG-2001; 2001US-00931836.  
R 19-DEC-2001; 2001US-00028072.

PA (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Deanoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski RJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-765392/72.  
DR N-PSDB; ADA75117.  
XX  
PT New secreted and transmembrane PRO polypeptides useful for stimulating  
PT the release of tumor necrosis factor alpha in human blood and detecting  
PT the presence of tumor in a mammal.  
XX  
PS Claim 12; Fig 272; 638pp; English.  
XX  
CC The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumor necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems.  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWRTQLGLPPLILLTALAGSGGTASABAFDSVLGDTASCHRAQLTYPHHT 60  
DB 1 MAAPKGSILWRTQLGLPPLILLTALAGSGGTASABAFDSVLGDTASCHRAQLTYPHHT 60  
QY 61 YPKGEELYACORGCRFLPSICQFVDDGIDILNRTKLCESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKGEELYACORGCRFLPSICQFVDDGIDILNRTKLCESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQEQLMSLMPKXHLFPILTLYRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQEQLMSLMPKXHLFPILTLYRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHELEPTNARESSISLMSYLOMNSQAFRNFLDGEDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHELEPTNARESSISLMSYLOMNSQAFRNFLDGEDGFLRCLSLNSGW 240  
QY 241 ILTTTLVSLVWLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTVLVSVWLLWICCATVATAVEQVPSKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 53

ADA85196

ID ADA85196 standard; protein; 323 AA.

AC ADA85196;

XX

DT 20-NOV-2003 (first entry)

XX

DE Novel human secreted and transmembrane protein PRO195.

XX

Human; secreted and transmembrane protein; PRO;

KW Tumour necrosis factor alpha release; TNF-alpha release;

KW Glucose uptake modulator; FFA uptake modulator;

KW cell proliferation stimulator; cell differentiation stimulator;

KW cell differentiation inhibitor; cytokine release stimulator; tumour;

KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

KW cervical tumour; liver tumour; chromosome mapping; gene mapping;

KW gene therapy; chromosome identification; chromosome marker.

XX

OS Homo sapiens.

XX

US2003082695-A1.

PN

XX

PD 01-MAY-2003.

XX

PF 22-APR-2002; 2002US-00127846.

XX

PP 03-MAR-2000; 2000US-0187202P.

PR

XX

PR 01-DEC-2000; 2000WO-US032678.

PR

XX

PR 19-DEC-2001; 2001US-00028072.

XX

XX (GETH ) GENENTECH INC.

XX

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;

XX

XX WPI; 2003-786909/74.

DR

DR N-PSDB; ADA85195.

XX

XX New nucleic acid encoding a PRO polypeptide, useful for preparing a

PT composition for treating e.g. tumor by gene therapy, or for tissue

PT typing.

XX

XX Claim 12; Fig 272; 637pp; English.

PS

XX

XX The invention describes 305 nucleic acids encoding PRO (secreted and

XX transmembrane) polypeptides (I). (I) is useful for stimulating the

CC release of TNF-alpha from human blood, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating the proliferation or differentiation of chondrocyte cells,

CC for stimulating the proliferation of or gene expression in paricete

CC cells, for stimulating the release of proteoglycans from cartilage, for

CC stimulating the proliferation of inner ear utricular supporting cells,

CC for stimulating the proliferation of T-lymphocyte cells, for stimulating

CC the release of a cytokine from PMBC cells, for inhibiting the binding of

CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte

CC cells, for stimulating proliferation of endothelial cells, for detecting

CC the presence of tumour in a mammal. The tumour is lung, colon, breast,

CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes

CC are useful for isolating genomic and cDNA nucleotide sequences or

CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful

CC in assays to identify other proteins or molecules involved in binding

CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome

CC and gene mapping, in generation of antisense RNA and DNA, in the

CC preparation of PRO polypeptide, for generating transgenic animals or

CC knockout animals which in turn are useful in the development and

CC screening of therapeutically useful reagents, in gene therapy, for

CC chromosome identification, as chromosome marker, and for generating

CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.

CC detecting its expression in specific cells, tissues or serum, and for

CC affinity purification of PRO from recombinant cell culture or natural

CC sources. (I) and (II) are useful for tissue typing. This is the amino

CC acid sequence of a novel human secreted and transmembrane PRO

XX polypeptide.

XX

SQ Sequence 323 AA;

XX

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVRTQLGLPPLLLMTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Db 1 MAAPKGSLLWVRTQLGLPPLLLMTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKBEELYACQRCRLFSICQFVDDGIDILNRTKLCEBSACTEAYSQSDQYACHLGCONQ 120

Db 61 YPKBEELYACQRCRLFSICQFVDDGIDILNRTKLCEBSACTEAYSQSDQYACHLGCONQ 120

QY 121 LPFAELRQSLMSLMPKMLLPPLTLVRSFWMDSMQSFITTSWTFYLOADDGKIYIF 180

Db 121 LPFAELRQSLMSLMPKMLLPPLTLVRSFWMDSMQSFITTSWTFYLOADDGKIYIF 180

QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDSGDFIRCLINSGW 240

Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDSGDFIRCLINSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 54

ADA84644

ID ADA84644 standard; protein; 323 AA.

XX

AC ADA84644;

XX

XX

DT 20-NOV-2003 (first entry)

XX

XX Novel human secreted and transmembrane protein PRO195.

XX

Human; secreted and transmembrane protein; PRO;

KW Tumour necrosis factor alpha release; TNF-alpha release;

KW glucose uptake modulator; FFA uptake modulator;

KW cell proliferation stimulator; cell differentiation stimulator;

KW cell differentiation inhibitor; cytokine release stimulator; tumour;

KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

KW cervical tumour; liver tumour; chromosome mapping; gene mapping;

KW gene therapy; chromosome identification; chromosome marker.

XX

OS Homo sapiens.

XX

US2003082708-A1.

PN

XX

PD 01-MAY-2003.

XX

PF 15-MAY-2002; 2002US-00146729.

XX

XX 05-JUN-2000; 2000US-0209832P.

PR

XX

PR 01-DEC-2000; 2000WO-US032678.

PR

XX

PR 19-DEC-2001; 2001US-00028072.

XX

XX (GETH ) GENENTECH INC.

PA

XX Baker KP, Beresini M, Beforge L, Deanyers L, Filvaroff E, Gao W;  
XI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-786911/74.  
XX N-PSDB; ADA84643.  
XX New PRO nucleic acid, useful for preparing a composition for treating  
XX e.g. tumor or for tissue typing.  
XX Claim 12; Fig 272; 637pp; English.  
XX The invention describes 305 nucleic acids encoding PRO (secreted and  
XX transmembrane) polypeptides (I). (I) is useful for stimulating the  
XX release of TNF-alpha from human blood, for modulating the uptake of  
XX glucose or TPA by skeletal muscle cells or adipocyte cells, for  
XX stimulating the proliferation or differentiation of chondrocyte cells,  
XX for stimulating the proliferation of or gene expression in pericyte  
XX cells, for stimulating the release of proteoglycans from cartilage, for  
XX stimulating the proliferation of inner ear utricular supporting cells,  
XX for stimulating the proliferation of T-lymphocyte cells, for stimulating  
XX the release of a cytokine from PMBC cells, for inhibiting the binding of  
XX A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
XX cells, for stimulating proliferation of endothelial cells, for detecting  
XX the presence of tumour in a mammal. The tumour is lung, colon, breast,  
XX prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
XX are useful for isolating genomic and cDNA nucleotide sequences or  
XX antisense probes. (I) is also useful as a therapeutic agent. PRO is useful  
XX in assays to identify other proteins or molecules involved in binding  
XX interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
XX and gene mapping, in generation of antisense RNA and DNA, in the  
XX preparation of PRO polypeptide, for generating transgenic animals or  
XX knockout animals which in turn are useful in the development and  
XX screening of therapeutically useful reagents, in gene therapy, for  
XX chromosome identification, as chromosome marker, and for generating  
XX probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
XX detecting its expression in specific cells, tissues or serum, and for  
XX affinity purification of PRO from recombinant cell culture or natural  
XX sources. (I) and (II) are useful for tissue typing. This is the amino  
XX acid sequence of a novel human secreted and transmembrane PRO  
XX polypeptide.  
XX Sequence 323 AA;  
SQ  
Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
2Y 1 MAAPKGSWVLTQGLPPLLLLTALAGSGTAGAFAFDSVLGDTASCHACOLTYPLHT 60  
DB 1 MAAPKGSWVLTQGLPPLLLLTALAGSGTAGAFAFDSVLGDTASCHACOLTYPLHT 60  
2Y 61 YPKBELVACRGCLPFCQFVDDGIDLNKLECSACTEAYSQSDQYACHGQNG 120  
DB 61 YPKBELVACRGCLPFCQFVDDGIDLNKLECSACTEAYSQSDQYACHGQNG 120  
2Y 121 LPFAELROQLMSLMPKWHLLFPPLTLVRSFWSMDQAQSPITSSWTFYLAQDQKIVIF 180  
DB 121 LPFAELROQLMSLMPKWHLLFPPLTLVRSFWSMDQAQSPITSSWTFYLAQDQKIVIF 180  
2Y 181 QSKPEIQAPHLEQPTNLNRSLSKMSYLOVRNSQAHNPLFEGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQAPHLEQPTNLNRSLSKMSYLOVRNSQAHNPLFEGSDGFLRCLSLNSGW 240  
2Y 241 ILTTTLVLSVWLLNICATVATAVEQVPSEKLSIYGDLEFPMNEQKLNYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLNICATVATAVEQVPSEKLSIYGDLEFPMNEQKLNYPASSLVVVR 300  
2Y 301 SKTEDEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEERAGPLPTKVNLAHSEI 323

RESULT 55  
ADB29900  
ID ADB29900 standard; protein; 323 AA.  
XX AC ADB29900;  
XX DT 20-NOV-2003 (first entry)  
XX DE Human PRO polypeptide #136.  
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; EPA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
OS Homo sapiens.  
XX PN US2003073214-A1.  
XX PD 17-APR-2003.  
XX PF 17-APR-2002; 2002US-00124822.  
XX PR 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019177.  
PR 16-SEP-1998; 98WO-US019330.  
PR 17-SEP-1998; 98WO-US019437.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022931.  
PR 29-OCT-1998; 98WO-US022992.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 20-APR-1999; 99WO-US008615.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 01-SEP-1999; 99WO-US020111.  
PR 08-SEP-1999; 99WO-US020594.  
PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 05-OCT-1999; 99WO-US023089.  
PR 29-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.

PR 06-JAN-2000; 2000WO-US000376.  
 PR 11-FEB-2000; 2000WO-US003565.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 18-FEB-2000; 2000WO-US004342.  
 PR 22-FEB-2000; 2000WO-US004414.  
 PR 24-FEB-2000; 2000WO-US004914.  
 PR 24-FEB-2000; 2000WO-US005004.  
 PR 01-MAR-2000; 2000WO-US005601.  
 PR 02-MAR-2000; 2000WO-US005746.  
 PR 02-MAR-2000; 2000WO-US005841.  
 PR 10-MAR-2000; 2000WO-US006319.  
 PR 15-MAR-2000; 2000WO-US006884.  
 PR 20-MAR-2000; 2000WO-US007377.  
 PR 21-MAR-2000; 2000WO-US007532.  
 PR 30-MAR-2000; 2000WO-US008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 11-AUG-2000; 2000WO-US022031.  
 PR 23-AUG-2000; 2000WO-US023522.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 08-NOV-2000; 2000WO-US030952.  
 PR 10-NOV-2000; 2000WO-US030873.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000US-00747259.  
 PR 28-FEB-2001; 2001US-00796498.  
 PR 01-MAR-2001; 2001WO-US006520.  
 PR 09-MAR-2001; 2001US-00802706.  
 PR 14-MAR-2001; 2001US-00808689.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 05-APR-2001; 2001US-00828366.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 10-MAY-2001; 2001US-00854280.  
 PR 18-MAY-2001; 2001US-00860216.  
 PR 25-MAY-2001; 2001US-00866028.  
 PR 25-MAY-2001; 2001US-00866034.  
 PR 01-JUN-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 05-JUN-2001; 2001US-00874503.  
 PR 14-JUN-2001; 2001US-00882636.  
 PR 19-JUN-2001; 2001US-00886342.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 21-JUN-2001; 2001US-00887879.  
 PR 22-JUN-2001; 2001WO-US020116.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 18-JUL-2001; 2001US-00909827.  
 PR 06-AUG-2001; 2001US-00924419.  
 PR 09-AUG-2001; 2001US-00927796.  
 PR 16-AUG-2001; 2001US-00931836.  
 PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CX, Wood WI, Zhang Z;

WP1: 2003-720081/68.

N-PSDB; ADB29899.

PT Novel secreted and transmembrane PRO polypeptides useful for stimulating  
 PT the release of tumor necrosis factor alpha and detecting the presence of  
 PT a tumor in a mammal.

XX Claim 12; Fig 272; 638pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The  
 CC invention also relates to an antibody which specifically binds to a PRO  
 CC polypeptide, a method for stimulating the release of tumor necrosis  
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 CC proliferation or differentiation of chondrocyte cells and a method for  
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 CC polynucleotides are useful in molecular biology, including uses as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 CC be used in preparing PRO polypeptides by recombinant techniques and in  
 CC generating either transgenic animals or knock-out animals which are  
 CC useful in the development and screening of therapeutically useful  
 CC reagents. The PRO polypeptides or antibodies are used in preparing a  
 CC medicament for treating a condition responsive to the polypeptides or  
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
 CC of human microvascular endothelial cells, for modulating the uptake of  
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating differentiation of adipocyte cells, for stimulating  
 CC proliferation of or gene expression in pericyte cells, for stimulating  
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 CC cells, for inducing endothelial cell tube formation and for treating  
 CC various bone and/or cartilage disorders such as sports injuries and  
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 CC from cartilage are useful for treating sports-related joint problems. PRO  
 CC polypeptides are also useful for treating various mammalian haemoglobin-  
 CC associated disorders such as various thalaemias and conditions which  
 CC may benefit from enhanced local immune system cell infiltration. This  
 CC sequence represents a human PRO polypeptide of the invention. Note: The  
 CC sequence data for this patent is also available in electronic format from  
 CC the USPTO website at seqdata.uspto.gov.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MAAPKGLWVTRTQGLPPLLLTWTALAGSGGTASAEFDSVLGDTASCHRAQCLTYPLHT	60
Db	1	MAAPKGLWVTRTQGLPPLLLTWTALAGSGGTASAEFDSVLGDTASCHRAQCLTYPLHT	60
Qy	61	YPKEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQNQ	120
Db	61	YPKEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQNQ	120
Qy	121	LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP	180
Db	121	LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP	180
Qy	181	QSKPEIQYAPHLEQEPFNLRSSLSKMSYLQWRNSQAHRNFLEDGESDGFRLCLSLNSGW	240
Db	181	QSKPEIQYAPHLEQEPFNLRSSLSKMSYLQWRNSQAHRNFLEDGESDGFRLCLSLNSGW	240
Qy	241	ILTTVLVLSVMVLLMCCATVATVEQVVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR	300
Db	241	ILTTVLVLSVMVLLMCCATVATVEQVVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR	300
Qy	301	SKTEDEHREAGPLPTKVNLAHSEI	323
Db	301	SKTEDEHREAGPLPTKVNLAHSEI	323

RESULT 56

ADA80428

ID ADA80428 standard; protein; 323 AA.

XX ADA80428;

XX 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
CW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
CW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
CW liver; microvascular endothelial cell; glucose; PFA;  
CW skeletal muscle cell; adipocyte cell; pericyte cell;  
CW inner ear utricular supporting cell; T-lymphocyte cell;  
CW endothelial cell tube formation; bone disorder; cartilage disorder;  
CW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
CW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
CW immune system cell infiltration.  
CX Homo sapiens.  
NS  
XX US2003082761-A1.  
XX 01-MAY-2003.  
XX 12-APR-2002; 2002US-00121061.  
XX 31-MAR-1997; 97WO-US005230.  
XX 12-JUN-1998; 98WO-US012456.  
XX 14-JUL-1998; 98WO-US014552.  
XX 28-AUG-1998; 98WO-US017888.  
XX 10-SEP-1998; 98WO-US018824.  
XX 14-SEP-1998; 98WO-US019093.  
XX 14-SEP-1998; 98WO-US019094.  
XX 14-SEP-1998; 98WO-US019177.  
XX 16-SEP-1998; 98WO-US019330.  
XX 17-SEP-1998; 98WO-US019437.  
XX 07-OCT-1998; 98WO-US021141.  
XX 29-OCT-1998; 98WO-US022991.  
XX 20-NOV-1998; 98WO-US024855.  
XX 01-DEC-1998; 98WO-US025108.  
XX 05-JAN-1999; 99WO-US000106.  
XX 08-MAR-1999; 99WO-US005028.  
XX 10-MAR-1999; 99WO-US005190.  
XX 20-APR-1999; 99WO-US008615.  
XX 14-MAY-1999; 99WO-US010733.  
XX 02-JUN-1999; 99WO-US012352.  
XX 01-SEP-1999; 99WO-US020111.  
XX 08-SEP-1999; 99WO-US020594.  
XX 13-SEP-1999; 99WO-US020944.  
XX 15-SEP-1999; 99WO-US021090.  
XX 05-OCT-1999; 99WO-US021547.  
XX 29-NOV-1999; 99WO-US023089.  
XX 30-NOV-1999; 99WO-US028313.  
XX 30-NOV-1999; 99WO-US028409.  
XX 01-DEC-1999; 99WO-US028301.  
XX 01-DEC-1999; 99WO-US028634.  
XX 02-DEC-1999; 99WO-US028551.  
XX 02-DEC-1999; 99WO-US028564.  
XX 02-DEC-1999; 99WO-US028565.  
XX 16-DEC-1999; 99WO-US030095.  
XX 20-DEC-1999; 99WO-US030911.  
XX 20-DEC-1999; 99WO-US030999.  
XX 22-DEC-1999; 99WO-US030720.  
XX 30-DEC-1999; 99WO-US031243.  
XX 30-DEC-1999; 99WO-US031274.  
XX 05-JAN-2000; 2000WO-US000219.  
XX 06-JAN-2000; 2000WO-US000277.  
XX 11-FEB-2000; 2000WO-US000376.  
XX 18-FEB-2000; 2000WO-US003565.  
XX 18-FEB-2000; 2000WO-US004341.  
XX 22-FEB-2000; 2000WO-US004342.  
XX 24-FEB-2000; 2000WO-US004414.  
XX 24-FEB-2000; 2000WO-US004914.  
XX 01-MAR-2000; 2000WO-US005004.  
XX 02-MAR-2000; 2000WO-US005601.  
XX 02-MAR-2000; 2000WO-US005746.  
XX 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014045.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032878.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 18-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019892.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
PA (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
WPI; 2003-755115/71.  
N-PSDB; ADA80427.  
XX New PRO polypeptides useful for treating diabetes, hyper- or hypo-  
XX insulinemia, sports injuries, arthritis, obesity, stroke, heart attack,  
XX various coagulation disorders and tumors.  
XX Claim 12; Fig 272; 638pp; English.  
XX The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumour necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC the proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis; PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
CC  
XX

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLLWRTQGLPPLLLLTWALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLLWRTQGLPPLLLLTWALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKKEELVACQRCGLRFSICQFVDDGIDLARTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKKEELVACQRCGLRFSICQFVDDGIDLARTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLWPKWHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLWPKWHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIOYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNRLFDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIOYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNRLFDGSDGFLRCLSLNSGW 240  
QY 241 ILTTVLVSLVWLLWICCATVATAVEQYVPSKLSLYGDLFENNEOKLNEYRYPASSLVVVR 300  
DB 241 ILTTVLVSLVWLLWICCATVATAVEQYVPSKLSLYGDLFENNEOKLNEYRYPASSLVVVR 300  
QY 301 SKTDEHREAGPLPTKVNLAHSEI 323  
DB 301 SKTDEHREAGPLPTKVNLAHSEI 323

RESULT 57

ADA75670

ID ADA75670 standard; protein; 323 AA.

XX

AC ADA75670;

XX

DT 20-NOV-2003 (first entry)

XX

DE Human PRO polypeptide #136.

XX

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor- $\alpha$ ; TNF- $\alpha$ ; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX

OS Homo sapiens.

XX

FN US2003082703-A1.

XX

PD 01-MAY-2003.

XX

PF 23-APR-2002; 2002US-00128691.

XX

PP 09-DEC-1999; 99US-0170262P.

XX

PR 01-DEC-2000; 2000WO-US032678.

XX

PR 19-DEC-2001; 2001US-00028072.

XX

PR (GETH ) GENENTECH INC.

XX

PA Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski RJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zharg Z;

XX

DR WPI: 2003-765414/72.

XX

DR N-PSDB; ADA75669.

XX

FT New PRO nucleic acid, useful for preparing a composition for treating

XX e.g., tumor or for tissue typing.

XX

Claim 12; Fig 272; 637pp; English.

XX

CC The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor- $\alpha$  (TNF- $\alpha$ ) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
CC  
XX

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWRTQGLPPLLLLTWALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

DB 1 MAAPKGSLLWRTQGLPPLLLLTWALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKKEELVACQRCGLRFSICQFVDDGIDLARTKLECSACTEAYSQSDQYACHLGCQ 120



61 YPKEEELAYACQGCCLFISICQFVDDGIDLNRTKLECESACTRAYSQSDQYACHLGCQMQ 120  
121 LPFAELBOQLMSLMPKHLPLTLTVRSTWSDMDSAQSFITSSWTFYLOADDGKIVLF 180  
121 LPFAELBOQLMSLMPKHLPLTLTVRSTWSDMDSAQSFITSSWTFYLOADDGKIVIP 180  
181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLOMNSQAHNRNFDGSDGFLRCLSLNSGW 240  
181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLOMNSQAHNRNFDGSDGFLRCLSLNSGW 240  
241 ILATTLVLSVNLVLMICATVATAVEQYVPESEKLSIYGDLEFNNQKLNRYPASSLVVVR 300  
241 ILATTLVLSVNLVLMICATVATAVEQYVPESEKLSIYGDLEFNNQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
RESULT 58  
ADA46895  
ID ADA46895 standard; protein, 323 AA.  
CX  
AC ADA46895;  
CX  
JT 20-NOV-2003 (first entry)  
CX  
DE Human PRO polypeptide #136.  
CX  
W Human; PRO; secreted polypeptide; transmembrane polypeptide;  
W tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
W cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
W liver; microvascular endothelial cell; glucose; FFA;  
W skeletal muscle cell; adipocyte cell; pericyte cell;  
W inner ear utricular supporting cell; T-lymphocyte cell;  
W endothelial cell tube formation; bone disorder; cartilage disorder;  
W sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
W rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
W immune system cell infiltration.  
CX  
DS Homo sapiens.  
CX  
ZN US2003073210-A1.  
CX  
PD 17-APR-2003.  
CX  
PF 11-APR-2002; 2002US-00121045.  
CX  
KX 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 14-SEP-1998; 98WO-US019177.  
PR 16-SEP-1998; 98WO-US019330.  
PR 17-SEP-1998; 98WO-US019437.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022991.  
PR 29-OCT-1998; 98WO-US022992.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 98WO-US000106.  
PR 08-MAR-1999; 98WO-US005028.  
PR 10-MAR-1999; 98WO-US005190.  
PR 20-APR-1999; 98WO-US008615.  
PR 14-MAY-1999; 98WO-US010733.  
PR 02-JUN-1999; 98WO-US012252.  
PR 01-SEP-1999; 98WO-US020111.  
PR 08-SEP-1999; 98WO-US020594.  
PR 13-SEP-1999; 98WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 05-OCT-1999; 99WO-US023089.  
PR 29-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000276.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005801.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.

PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
XX (GENTH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-644800/61.  
DR N-PSDB; ADA46894.  
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or  
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in  
PT generating antisense RNA and DNA, and in gene therapy.  
XX Claim 12; Fig 272; 638pp; English.  
XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or PFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems. PRO  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX SQ Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGLWRTQLGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGLWRTQLGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60  
QY 61 YPKKEELIACORGLRFLSICQFVDDGDIDNRTKLCEACTAYASQSDQYACHLGCQ 120  
Db 61 YPKKEELIACORGLRFLSICQFVDDGDIDNRTKLCEACTAYASQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPQWELLFPLTVRSFWSMDMSAQSFITSSWTFYLQADDKGIVIF 180  
Db 121 LPFAELRQELMSLMPQWELLFPLTVRSFWSMDMSAQSFITSSWTFYLQADDKGIVIF 180  
QY 181 QSKPEIQYAPHEQPTNLRSSLSKMSYLOMNSQHRNFTLQDSSDFLCLSLNSGW 240  
Db 181 QSKPEIQYAPHEQPTNLRSSLSKMSYLOMNSQHRNFTLQDSSDFLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYDLEFMNEQKLNYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYDLEFMNEQKLNYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLANSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLANSEI 323  
RESULT 59  
ADB25191  
ID ADB25191 standard; protein; 323 AA.  
XX  
AC ADB25191;  
XX  
DT 20-NOV-2003 (first entry)  
XX Human PRO polypeptide SEQ ID NO 272.  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; PFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX Homo sapiens.  
OS  
PN US2003077715-A1.  
XX  
PD 24-APR-2003.  
XX  
XX 23-APR-2002; 2002US-00128693.  
XX 31-AUG-1998; 98US-0098525P.  
PR 16-SEP-1998; 98US-0100634P.  
PR 02-JUN-1999; 99WO-US012252.  
PR 25-AUG-1999; 99US-00380137.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
XX (GENTH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-755070/71.  
DR N-PSDB; ADB25190.  
XX  
PT New isolated, secreted and transmembrane PRO nucleic acids, useful for  
PT the diagnosis, prevention and/or treatment of tumors, such as lung,  
PT colon, breast, prostate, rectal, cervical and/or liver tumors.  
XX  
XX Claim 12; Fig 272; 637pp; English.  
XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating

antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSLSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60  
2b 1 MAAPKGSLSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60  
2Y 61 YPKBELYACQGCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLQCNQ 120  
2b 61 YPKBELYACQGCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLQCNQ 120  
2Y 121 LPPAELRQOLMSLMPKWHLLPPLTLVRSFWSMDNMQSPITTSWTFYLDQDGKLVIF 180  
2b 121 LPPAELRQOLMSLMPKWHLLPPLTLVRSFWSMDNMQSPITTSWTFYLDQDGKLVIF 180  
2Y 181 QSKPIQIAPHLEQPTNLRESSLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
2b 181 QSKPIQIAPHLEQPTNLRESSLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
2Y 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYCDLEPMNEQKLNYPASSLVVVR 300  
2b 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYCDLEPMNEQKLNYPASSLVVVR 300  
2Y 301 SKTEDHEAGPLPTKVNLAHGEI 323  
2b 301 SKTEDHEAGPLPTKVNLAHGEI 323

RESULT 60  
ADA93367

ID ADA93367 standard; protein; 323 AA.

XX AC ADA93367;

XX AC ADA93367;

XX AC ADA93367;

XX AC ADA93367;

XX AC ADA93367;

XX AC ADA93367;

XX AC ADA93367;

XX AC ADA93367;

XX AC ADA93367;

XX AC ADA93367;

XX AC ADA93367;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.

XX Homo sapiens.

XX US2003077721-A1.

XX 24-APR-2003.

XX 24-APR-2002; 2002US-00131837.

XX 09-DEC-1999; 99US-0170262P.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH ) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-755076/71.

XX N-PSDB; ADA93366.

XX New PRO nucleic acid, useful for recombinantly producing a PRO  
XX polypeptide and for manufacturing a medicament for diagnosing or treating  
XX tumor.

XX Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60

QY 61 YKREELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120  
DB 61 YKREELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120  
QY 121 LPFAELROELMSLMPKHLLEPLTLVFSFMSDMDMSAQSPITTSWTFYLOADDGKIVIF 180  
DB 121 LPFAELROELMSLMPKHLLEPLTLVFSFMSDMDMSAQSPITTSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQFTNLRRESSLSKMSYLOQRNSQAHNFLEDGESDGFJRLCISLSGW 240  
DB 181 QSKPEIQVAPHLEQFTNLRRESSLSKMSYLOQRNSQAHNFLEDGESDGFJRLCISLSGW 240  
QY 241 ILTTTLVLSVMVLLWCCATVATAYQVPSSEKLSYGDLEFMEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWCCATVATAYQVPSSEKLSYGDLEFMEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEHERAGPLPTKYNLAHSBI 323  
DB 301 SKTEDEHERAGPLPTKYNLAHSBI 323  
RESULT 31  
ADB26717  
ID ADB26717 standard; protein; 323 AA.  
AC ADB26717;  
XX 20-NOV-2003 (first entry)  
DE Human PRO polypeptide #136.  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX Homo sapiens.  
OS  
XX US2003092147-A1.  
PN 15-MAY-2003.  
XX  
PD 11-APR-2002; 2002US-00121051.  
PF 31-MAR-1997; 97WO-US005230.  
XX 12-JUN-1998; 98WO-US012456.  
XX 14-JUN-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 14-SEP-1998; 98WO-US019177.  
PR 16-SEP-1998; 98WO-US019330.  
PR 17-SEP-1998; 98WO-US019437.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022991.  
PR 29-OCT-1998; 98WO-US022992.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 20-APR-1999; 99WO-US008615.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 01-SEP-1999; 99WO-US020111.  
PR 08-SEP-1999; 99WO-US020594.  
PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 05-OCT-1999; 99WO-US023089.  
PR 29-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028554.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030939.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 01-MAR-2001; 2001WO-US006520.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019592.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.

R 06-AUG-2001; 2001US-00924419.  
R 09-AUG-2001; 2001US-00927796.  
R 16-AUG-2001; 2001US-00931836.  
R 19-DEC-2001; 2001US-00028072.  
X (GETH ) GENENTECH INC.  
A Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
I Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
I Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
X  
X WPI; 2003-777249/73.  
X N-PSDB; ADB26716.  
X  
X Novel isolated PRO polypeptide useful for treating diabetes, hyper- or  
T hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart  
T attack, various coagulation disorders, tumors.  
X  
X Claim 12; Fig 272; 660pp; English.  
X  
X The invention relates to isolated human PRO polypeptides (secreted and  
C transmembrane polypeptides) and the polynucleotides encoding them. The  
C invention also relates to an antibody which specifically binds to a PRO  
C polypeptide, a method for stimulating the release of tumour necrosis  
C factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
C proliferation or differentiation of chondrocyte cells and a method for  
C detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
C colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
C polynucleotides are useful in molecular biology, including uses as  
C hybridisation probes, in chromosome and gene mapping, in generating  
C antisense RNA and DNA and in gene therapy. The polynucleotides may also  
C be used in preparing PRO polypeptides by recombinant techniques and in  
C generating either transgenic animals or knock-out animals which are  
C useful in the development and screening of therapeutically useful  
C reagents. The PRO polypeptides or antibodies are used in preparing a  
C medicament for treating a condition responsive to the polypeptides or  
C antibodies, such as tumours, for stimulating and inhibiting proliferation  
C of human microvascular endothelial cells, for modulating the uptake of  
C glucose or FFA by skeletal muscle cells or adipocyte cells, for  
C stimulating differentiation of adipocyte cells, for stimulating  
C proliferation of or gene expression in pericyte cells, for stimulating  
C the proliferation of inner ear utricular supporting cells or T-lymphocyte  
C cells, for inducing endothelial cell tube formation and for treating  
C various bone and/or cartilage disorders such as sports injuries and  
C arthritis. PRO polypeptides which stimulate the release of proteoglycans  
C from cartilage are useful for treating sports-related joint problems,  
C articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
C polypeptides are also useful for treating various mammalian haemoglobin-  
C associated disorders such as various thalassaemias and conditions which  
C may benefit from enhanced local immune system cell infiltration. This  
C sequence represents a human PRO polypeptide of the invention. Note: The  
C sequence data for this patent is also available in electronic format from  
C the USPTO website at seqdata.uspto.gov.  
X  
X Sequence 323 AA;

Query March 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
X  
X 1 MAAPKGSILWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
X  
X 1 MAAPKGSILWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
X  
X 61 YPKKEELVACORGRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLCCNQ 120  
X  
X 61 YPKKEELVACORGRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLCCNQ 120  
X  
X 121 LPFAELRQELMSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLDQDGIKIVF 180  
X  
X 121 LPFAELRQELMSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLDQDGIKIVF 180  
X  
X 181 QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMNSQAHRNLFEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMNSQAHRNLFEDGESDGLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVWLLWITCCATVATAVQYVPSEKLSYGDLEFNMNEQKLNRYTPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLWITCCATVATAVQYVPSEKLSYGDLEFNMNEQKLNRYTPASSLVVVR 300  
Qy 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 62  
ADB31004  
ID ADB31004 standard; protein; 323 AA.  
AC ADB31004;  
XX  
XX 20-NOV-2003 (first entry)  
XX Human PRO polypeptide #136.  
XX Human; PRO: secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
OS Homo sapiens.  
XX  
XX US2003096386-A1.  
XX 22-MAY-2003.  
XX  
XX 11-APR-2002; 2002US-00121042.  
XX 31-MAR-1997; 97WO-US005230.  
XX 12-JUN-1998; 98WO-US012456.  
XX 14-JUL-1998; 98WO-US014552.  
XX 28-AUG-1998; 98WO-US017888.  
XX 10-SEP-1998; 98WO-US018824.  
XX 14-SEP-1998; 98WO-US019093.  
XX 14-SEP-1998; 98WO-US019094.  
XX 14-SEP-1998; 98WO-US019177.  
XX 16-SEP-1998; 98WO-US019330.  
XX 17-SEP-1998; 98WO-US019437.  
XX 07-OCT-1998; 98WO-US021141.  
XX 29-OCT-1998; 98WO-US022991.  
XX 29-OCT-1998; 98WO-US022992.  
XX 20-NOV-1998; 98WO-US024855.  
XX 01-DEC-1998; 98WO-US025108.  
XX 05-JAN-1999; 99WO-US000106.  
XX 08-MAR-1999; 99WO-US005028.  
XX 10-MAR-1999; 99WO-US005190.  
XX 20-APR-1999; 99WO-US008615.  
XX 14-MAY-1999; 99WO-US010733.  
XX 02-JUN-1999; 99WO-US012252.  
XX 01-SEP-1999; 99WO-US020111.  
XX 08-SEP-1999; 99WO-US020594.  
XX 13-SEP-1999; 99WO-US020944.  
XX 15-SEP-1999; 99WO-US021090.  
XX 15-SEP-1999; 99WO-US021547.  
XX 29-NOV-1999; 99WO-US023089.  
XX 30-NOV-1999; 99WO-US028214.  
XX 30-NOV-1999; 99WO-US028313.  
XX 30-NOV-1999; 99WO-US028409.  
XX 01-DEC-1999; 99WO-US028301.  
XX 01-DEC-1999; 99WO-US028634.

PR	02-DEC-1999;	99WO-US028551.	XX	XX	WPI; 2003-786990/74.
PR	02-DEC-1999;	99WO-US028564.	DR	DR	N-PSDB; ADB31003.
PR	02-DEC-1999;	99WO-US028565.	XX	XX	
PR	16-DEC-1999;	99WO-US030091.	PT	PT	Novel isolated PRO polypeptide useful for treating diabetes, hyper- or
PR	20-DEC-1999;	99WO-US030911.	PT	PT	hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart
PR	20-DEC-1999;	99WO-US030999.	XX	XX	attack, various coagulation disorders, tumors.
PR	30-DEC-1999;	99WO-US031243.	PS	PS	Claim 12; Fig 272; 638pp; English.
PR	30-DEC-1999;	99WO-US031274.	XX	XX	
PR	05-JAN-2000;	2000WO-US000219.	CC	CC	The invention relates to isolated human PRO polypeptides (secreted and
PR	06-JAN-2000;	2000WO-US000277.	CC	CC	transmembrane polypeptides) and the polynucleotides encoding them. The
PR	06-JAN-2000;	2000WO-US000376.	CC	CC	invention also relates to an antibody which specifically binds to a PRO
PR	11-FEB-2000;	2000WO-US003565.	CC	CC	polypeptide, a method for stimulating the release of tumour necrosis
PR	18-FEB-2000;	2000WO-US004341.	CC	CC	factor-alpha (TNF-alpha) from human blood, a method for stimulating the
PR	18-FEB-2000;	2000WO-US004342.	CC	CC	proliferation or differentiation of chondrocyte cells and a method for
PR	22-FEB-2000;	2000WO-US004414.	CC	CC	detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
PR	24-FEB-2000;	2000WO-US004914.	CC	CC	colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
PR	24-FEB-2000;	2000WO-US005004.	CC	CC	polynucleotides are useful in molecular biology, including uses as
PR	01-MAR-2000;	2000WO-US005601.	CC	CC	hybridisation probes, in chromosome and gene mapping, in generating
PR	02-MAR-2000;	2000WO-US005746.	CC	CC	antisense RNA and DNA and in gene therapy. The polynucleotides may also
PR	02-MAR-2000;	2000WO-US005841.	CC	CC	be used in preparing PRO polypeptides by recombinant techniques and in
PR	10-MAR-2000;	2000WO-US006319.	CC	CC	generating either transgenic animals or knock-out animals which are
PR	15-MAR-2000;	2000WO-US006884.	CC	CC	useful in the development and screening of therapeutically useful
PR	20-MAR-2000;	2000WO-US007377.	CC	CC	reagents. The PRO polypeptides or antibodies are used in preparing a
PR	21-MAR-2000;	2000WO-US007532.	CC	CC	medicament for treating a condition responsive to the polypeptides or
PR	30-MAR-2000;	2000WO-US009439.	CC	CC	antibodies, such as tumours, for stimulating and inhibiting proliferation
PR	17-MAY-2000;	2000WO-US013705.	CC	CC	of human microvascular endothelial cells, for modulating the uptake of
PR	22-MAY-2000;	2000WO-US014042.	CC	CC	glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating
PR	30-MAY-2000;	2000WO-US014941.	CC	CC	stimulating differentiation of adipocyte cells, for stimulating
PR	02-JUN-2000;	2000WO-US015264.	CC	CC	the proliferation of or gene expression in pericyte cells, for stimulating
PR	28-JUL-2000;	2000WO-US020710.	CC	CC	the proliferation of inner ear utricular supporting cells or T-lymphocyte
PR	11-AUG-2000;	2000WO-US022031.	CC	CC	cells, for inducing endothelial cell tube formation and for treating
PR	24-AUG-2000;	2000WO-US023522.	CC	CC	various bone and/or cartilage disorders such as sports injuries and
PR	08-NOV-2000;	2000WO-US030328.	CC	CC	arthritis. PRO polypeptides which stimulate the release of proteoglycans
PR	10-NOV-2000;	2000WO-US030952.	CC	CC	from cartilage are useful for treating sports-related joint problems, PRO
PR	01-DEC-2000;	2000WO-US030873.	CC	CC	articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
PR	20-DEC-2000;	2000US-0074259.	CC	CC	polypeptides are also useful for treating various mammalian haemoglobin-
PR	28-DEC-2000;	2000US-00743956.	CC	CC	associated disorders such as various thalassemias and conditions which
PR	28-FEB-2001;	2001US-00796498.	CC	CC	may benefit from enhanced local immune system cell infiltration. This
PR	01-MAR-2001;	2001WO-US006520.	CC	CC	sequence represents a human PRO polypeptide of the invention. Note: The
PR	01-MAR-2001;	2001WO-US006666.	CC	CC	sequence data for this patent is also available in electronic format from
PR	09-MAR-2001;	2001US-00802706.	CC	CC	the USPTO website at seqdata.uspto.gov.
PR	14-MAR-2001;	2001US-00808689.	XX	XX	Sequence 323 AA;
PR	22-MAR-2001;	2001US-00815744.			Query Match 100.0%; Score 1694; DB 6; Length 323;
PR	03-APR-2001;	2001US-00828366.			Best Local Similarity 100.0%; Pred No. 5 5e-167;
PR	10-MAY-2001;	2001US-00854208.			Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
PR	18-MAY-2001;	2001US-00860216.			
PR	25-MAY-2001;	2001US-00866028.	Qy	1	MAAPKGSWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
PR	25-MAY-2001;	2001US-00866034.	Db	1	MAAPKGSWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
PR	01-JUN-2001;	2001US-00872035.			
PR	01-JUN-2001;	2001WO-US017800.	Qy	61	YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHGCGNQ 120
PR	05-JUN-2001;	2001US-00874503.	Db	61	YPKEEELVACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHGCGNQ 120
PR	14-JUN-2001;	2001US-00882636.			
PR	19-JUN-2001;	2001US-00886342.	Qy	121	LPFAELRQELMSLMPKMLLPPLTLIVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
PR	20-JUN-2001;	2001WO-US019692.	Db	121	LPFAELRQELMSLMPKMLLPPLTLIVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
PR	21-JUN-2001;	2001US-00887879.			
PR	22-JUN-2001;	2001WO-US020116.	Qy	181	QSKPEIQYAPHLRQEPNTNRESLSKMSYLQWNSQAHNFLEDGESDGFRLCLNSCW 240
PR	29-JUN-2001;	2001WO-US021066.	Db	181	QSKPEIQYAPHLRQEPNTNRESLSKMSYLQWNSQAHNFLEDGESDGFRLCLNSCW 240
PR	09-JUL-2001;	2001WO-US021735.			
PR	18-JUL-2001;	2001US-00908827.	Qy	241	ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLFPNEOKLNRYPASSLVVVR 300
PR	06-AUG-2001;	2001US-00924419.	Db	241	ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLFPNEOKLNRYPASSLVVVR 300
PR	09-AUG-2001;	2001US-00927796.			
PR	16-AUG-2001;	2001US-00931836.	Qy		
PR	19-DEC-2001;	2001US-00028072.	Db		
XX		(GETH ) GENENTECH INC.	Qy	301	SKTEDHEAGPLTKVNLHSEI 323
XX			Db	301	SKTEDHEAGPLTKVNLHSEI 323
PI	Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;				
PI	Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;				
PI	Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;				

## RESULT 63

AD60932  
ID ADA60932 standard; protein; 323 AA.

XX AC ADA60932;

XX DT 20-NOV-2003 (first entry)

XX DE Homo sapiens.

XX KW Human; secreted and transmembrane protein; PRO;

KW Tumour necrosis factor alpha release; TNF-alpha release;

KW glucose uptake modulator; PFA uptake modulator;

KW cell proliferation stimulator; cell differentiation stimulator;

KW cell differentiation inhibitor; cytokine release stimulator;

KW lung tumour; colon tumour; breast tumour; rectal tumour;

KW cervical tumour; liver tumour; chromosome mapping; gene mapping;

KW gene therapy; chromosome identification; chromosome marker.

XX OS Novel.

XX OS human.

XX OS secreted.

XX OS and.

XX OS transmembrane.

XX OS protein.

XX OS PRO195.

XX PN US2003049817-A1.

XX PD 13-MAR-2003.

XX PF 10-MAY-2002; 2002US-00142423.

XX PR 31-MAR-1997; 97WO-US005230.

PR 12-JUN-1998; 98WO-US012456.

PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.

PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.

PR 14-SEP-1998; 98WO-US019094.

PR 16-SEP-1998; 98WO-US019177.

PR 17-SEP-1998; 98WO-US019437.

PR 07-OCT-1998; 98WO-US021141.

PR 29-OCT-1998; 98WO-US022991.

PR 20-NOV-1998; 98WO-US022992.

PR 01-DEC-1998; 98WO-US024855.

PR 05-JAN-1999; 98WO-US025108.

PR 08-MAR-1999; 98WO-US025028.

PR 10-MAR-1999; 98WO-US025190.

PR 20-APR-1999; 98WO-US026615.

PR 14-MAY-1999; 98WO-US010733.

PR 02-JUN-1999; 98WO-US012252.

PR 01-SEP-1999; 98WO-US020111.

PR 13-SEP-1999; 98WO-US020944.

PR 15-SEP-1999; 98WO-US021090.

PR 05-OCT-1999; 98WO-US021547.

PR 29-NOV-1999; 98WO-US023089.

PR 30-NOV-1999; 98WO-US028214.

PR 01-DEC-1999; 98WO-US028313.

PR 01-DEC-1999; 98WO-US028409.

PR 01-DEC-1999; 98WO-US028301.

PR 02-DEC-1999; 98WO-US028634.

PR 02-DEC-1999; 98WO-US028551.

PR 02-DEC-1999; 98WO-US028564.

PR 16-DEC-1999; 98WO-US028565.

PR 20-DEC-1999; 98WO-US030095.

PR 20-DEC-1999; 98WO-US030911.

PR 20-DEC-1999; 98WO-US030999.

PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 23-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 18-DEC-2001; 2001US-00028072.  
PR 10-MAR-2009; 2000WO-US006319.

(GETH ) GEMENTECH INC.

Baker KF, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-595893/66.

N-PSDB; ADA60931.

XX New secreted and transmembrane PRO polypeptide and nucleic acid, useful  
PT for manufacturing a medicament for diagnosing or treating tumor.

XX PS Claim 12; Fig 272; 658pp; English.

XX CC The invention describes 305 nucleic acids encoding PRO (secreted and

CC transmembrane) polypeptides (I). (I) is useful for stimulating the

CC release of TNF-alpha from human blood, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating the proliferation or differentiation of chondrocyte cells,

CC for stimulating the proliferation of or gene expression in pericyte

CC cells, for stimulating the release of proteoglycans from cartilage, for

CC stimulating the proliferation of inner ear utricular supporting cells,

CC for stimulating the proliferation of T-lymphocyte cells, for stimulating

CC the release of a cytokine from PMBC cells, for inhibiting the binding of

CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte

CC cells, for stimulating proliferation of endothelial cells, for detecting

CC the presence of tumour in a mammal. The tumour is lung, colon, breast,

CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes

CC are useful for isolating genomic and cDNA nucleotide sequences or

CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful

CC in assays to identify other proteins or molecules involved in binding

CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome

CC and gene mapping, in generation of antisense RNA and DNA, in the

CC preparation of PRO polypeptide, for generating transgenic animals or

CC knockout animals which in turn are useful in the development and

CC screening of therapeutically useful reagents, in gene therapy, for

CC chromosome identification, as chromosome marker, and for generating

CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.

CC detecting its expression in specific cells, tissues or serum, and for

CC affinity purification of PRO from recombinant cell culture or natural

CC sources. (I) and (II) are useful for tissue typing. This is the amino

CC acid sequence of a novel human secreted and transmembrane PRO

XX polypeptide.

XX PS Sequence 323 AA;

XX QY Query Match 100.0%; Score 1694; DB 6; Length 323;

XX DB Best Local Similarity 100.0%; Pred. No. 5.5e-167;

XX PS Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60

DB 1 MAAPKGLWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDROYACHLGCQNQ 120

DB 61 YPKEEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDROYACHLGCQNQ 120

QY 121 LPFAELRQELMSLMPKQHLFPFLTLVRGFWSDMDSAQSFTSSWTFYLOADDGKIVIF 180

DB 121 LPFAELRQELMSLMPKQHLFPFLTLVRGFWSDMDSAQSFTSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

DB 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTLVLVSWLLWICCATVATVAVQYVPSEKLSIYGDLEFNNQKLNRYYPASSLWVR 300

DB 241 ILTTLVLVSWLLWICCATVATVAVQYVPSEKLSIYGDLEFNNQKLNRYYPASSLWVR 300

QY 301 SKTEDHEEAGPLPKVNLHSEI 323

DB 301 SKTEDHEEAGPLPKVNLHSEI 323

RESULT 64

ADB24079

ID ADB24079 standard; protein; 323 AA.

XX AC ADB24079;

XX DT 20-NOV-2003 (first entry)

XX DB Human PRO polypeptide SEQ ID NO 272.

XX CC Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX CC tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX CC cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX CC liver; microvascular endothelial cell; glucose; FFA;

XX CC skeletal muscle cell; adipocyte cell; pericyte cell;

XX CC inner ear utricular supporting cell; T-lymphocyte cell;

XX CC endothelial cell tube formation; bone disorder; cartilage disorder;

XX CC sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX CC rheumatoid arthritis; haemoglobin-associated disorder thalassemia;

XX CC immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003077714-A1.

XX PD 24-APR-2003.

XX PF 22-APR-2002; 2002US-00127901.

XX PR 17-JUN-1998; 98US-0089599P.

PR 02-JUN-1999; 99WO-US012252.

PR 25-AUG-1999; 99US-00380137.

PR 30-NOV-1999; 99WO-US028313.

PR 30-MAR-2000; 2000WO-US008439.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH ) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PU, Gurney AL, Sherwood S;

XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI: 2003-755069/71.

XX N-PSDB: ADB24078.

XX New isolated, secreted and transmembrane PRO polypeptides and nucleic

XX acids, useful for the diagnosis, prevention and/or treatment of liver

XX tumors.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

XX transmembrane polypeptides) and the polynucleotides encoding them. The

XX invention also relates to an antibody which specifically binds to a PRO

XX polypeptide, a method for stimulating the release of tumour necrosis

XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the

XX proliferation or differentiation of chondrocyte cells and a method for

XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung, the

XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

XX polynucleotides are useful in molecular biology, including uses as

XX hybridisation probes, in chromosome and gene mapping, in generating

XX antisense RNA and DNA and in gene therapy. The polynucleotides may also

XX be used in preparing PRO polypeptides by recombinant techniques and in

XX generating either transgenic animals or knock-out animals which are

XX useful in the development and screening of therapeutically useful

XX reagents. The PRO polypeptides or antibodies are used in preparing a

XX medicament for treating a condition responsive to the polypeptides or

XX antibodies, such as tumours, for stimulating and inhibiting proliferation

XX of human microvascular endothelial cells, for modulating the uptake of

XX glucose or FFA by skeletal muscle cells or adipocyte cells, for

XX stimulating differentiation of adipocyte cells, for stimulating

XX proliferation of or gene expression in pericyte cells, for stimulating

XX the proliferation of inner ear utricular supporting cells or T-lymphocyte

XX cells, for inducing endothelial cell tube formation and for treating

XX various bone and/or cartilage disorders such as sports injuries and

XX arthritis. PRO polypeptides which stimulate the release of proteoglycans

XX from cartilage are useful for treating sports-related joint problems,

XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

XX polypeptides are also useful for treating various mammalian haemoglobin-

XX associated disorders such as various thalassemias and conditions which



CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at seqdata.uspto.gov/sequence.html.  
XX  
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
2y 1 MAAPKGSILWVETQLGLPELLLLTALAGGSGTASARAFDSVLGTASCHRAQCLTYPLHT 60  
db 1 MAAPKGSILWVETQLGLPELLLLTALAGGSGTASARAFDSVLGTASCHRAQCLTYPLHT 60  
2y 61 YPKSEELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
db 61 YPKSEELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
2y 121 LPFAELROQLMSLMPKXHLPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
db 121 LPFAELROQLMSLMPKXHLPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
2y 181 OSKPEIOYAPHLQEPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
db 181 OSKPEIOYAPHLQEPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
2y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLIVVR 300  
db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLIVVR 300  
2y 301 SKTDEHREAGPLPTKVNLAHSEI 323  
db 301 SKTDEHREAGPLPTKVNLAHSEI 323

RESULT 65  
ID ADA96408 standard; protein; 323 AA.  
AC ADA96408;  
CX  
DT 20-NOV-2003 (first entry)  
CX  
DE Human PRO polypeptide #136.  
CX  
CW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
CW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
CX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
CX liver; microvascular endothelial cell; glucose; FFA;  
CX skeletal muscle cell; adipocyte cell; pericyte cell;  
CX inner ear utricular supporting cell; T-lymphocyte cell;  
CX endothelial cell tube formation; bone disorder; cartilage disorder;  
CX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
CX rheumatoid arthritis; haemoglobin-associated disorder thalassemia;  
CX immune system cell infiltration.

Homo sapiens.  
US2003082690-A1.  
CX  
PD 01-MAY-2003.  
CX  
CX 22-APR-2002; 2002US-00127837.  
CX  
CX 01-SEP-1998; 98US-0098750P.  
CX 01-SEP-1999; 99WO-US020111.  
CX 18-OCT-1999; 99US-00403297.  
CX 18-FEB-2000; 2000WO-US004342.  
CX 08-NOV-2000; 2000WO-US030952.  
CX 01-DEC-2000; 2000WO-US032678.  
CX 19-DEC-2001; 2001US-00028072.  
CX

(GETH ) GENENTECH INC.  
Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski RJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
DR WPI; 2003-755107/71.  
XX N-PSDB; ADA96407.

PRO nucleic acid, useful for preparing a composition for treating e.g.,  
tumor or for tissue typing.  
Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and  
transmembrane polypeptides) and the polynucleotides encoding them. The  
invention also relates to an antibody which specifically binds to a PRO  
polypeptide, a method for stimulating the release of tumour necrosis  
factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
proliferation or differentiation of chondrocyte cells and a method for  
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
polynucleotides are useful in molecular biology, including uses as  
hybridisation probes, in chromosome and gene mapping, in generating  
antisense RNA and DNA and in gene therapy. The polynucleotides may also  
be used in preparing PRO polypeptides by recombinant techniques and in  
generating either transgenic animals or knock-out animals which are  
useful in the development and screening of therapeutically useful  
reagents. The PRO polypeptides or antibodies are used in preparing a  
medicament for treating a condition responsive to the polypeptides or  
antibodies, such as tumours, for stimulating and inhibiting proliferation  
of human microvascular endothelial cells, for modulating the uptake of  
glucose or FFA by skeletal muscle cells or adipocyte cells, for  
stimulating differentiation of adipocyte cells, for stimulating  
proliferation of or gene expression in pericyte cells, for stimulating  
the proliferation of inner ear utricular supporting cells or T-lymphocyte  
cells, for inducing endothelial cell tube formation and for treating  
various bone and/or cartilage disorders such as sports injuries and  
arthritis. PRO polypeptides which stimulate the release of proteoglycans  
from cartilage are useful for treating sports-related joint problems,  
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
polypeptides are also useful for treating various mammalian haemoglobin-  
associated disorders such as various thalassemias and conditions which  
may benefit from enhanced local immune system cell infiltration. This  
sequence represents a human PRO polypeptide of the invention. Note: The  
sequence data for this patent is also available in electronic format from  
CC USPTO at seqdata.uspto.gov/sequence.html.

Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWVETQLGLPELLLLTALAGGSGTASARAFDSVLGTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSILWVETQLGLPELLLLTALAGGSGTASARAFDSVLGTASCHRAQCLTYPLHT 60  
QY 61 YPKSEELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKSEELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELROQLMSLMPKXHLPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELROQLMSLMPKXHLPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 OSKPEIOYAPHLQEPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 OSKPEIOYAPHLQEPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLIVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLIVVR 300

QY 301 SKTEDEHAGPLPTKVNLAHSEI 323  
 DB 301 SKTEDEHAGPLPTKVNLAHSEI 323

RESULT 66  
 ID ADA80980 standard; protein; 323 AA.  
 AC ADA80980;  
 XX 20-NOV-2003 (first entry)  
 XX Human PRO polypeptide #136.  
 XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
 KW liver; microvascular endothelial cell; glucose; FFA;  
 KW skeletal muscle cell; adipocyte cell; pericyte cell;  
 KW inner ear utricular supporting cell; T-lymphocyte cell;  
 KW endothelial cell tube formation; bone disorder; cartilage disorder;  
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
 KW immune system cell infiltration.  
 XX Homo sapiens.  
 XX US2003082702-A1.  
 XX 01-MAY-2003.  
 XX 23-APR-2002; 2002US-00128690.  
 XX 02-MAR-2000; 2000WO-US005841.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 19-DEC-2001; 2001US-00028072.  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 PI Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 DR WPI: 2003-755111/71.  
 DR N-PSDB: ADA80979.  
 XX New PRO nucleic acid, useful for preparing a composition for treating  
 PT e.g., tumor or for tissue typing.  
 XX Claim 12; Fig 272; 637pp; English.  
 XX The invention relates to isolated human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the polynucleotides encoding them. The  
 CC invention also relates to an antibody which specifically binds to a PRO  
 CC polypeptide, a method for stimulating the release of tumour necrosis  
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 CC proliferation or differentiation of chondrocyte cells and a method for  
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 CC polynucleotides are useful in molecular biology, including uses as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 CC be used in preparing PRO polypeptides by recombinant techniques and in  
 CC generating either transgenic animals or knock-out animals which are  
 CC useful in the development and screening of therapeutically useful  
 CC reagents. The PRO polypeptides or antibodies are used in preparing a  
 CC medicament for treating a condition responsive to the polypeptides or  
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
 CC of human microvascular endothelial cells, for modulating the uptake of  
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating  
 CC proliferation of or gene expression in pericyte cells, for stimulating  
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 CC cells, for inducing endothelial cell tube formation and for treating  
 CC various bone and/or cartilage disorders such as sports injuries and  
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 CC from cartilage are useful for treating sports-related joint problems, PRO  
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 CC polypeptides are also useful for treating various mammalian haemoglobin-  
 CC associated disorders such as various thalassaemias and conditions which  
 CC may benefit from enhanced local immune system cell infiltration. This  
 CC sequence represents a human PRO polypeptide of the invention. Note: The  
 CC sequence data for this patent is also available in electronic format from  
 CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
 XX

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 6; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSVWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHERACQLTYPLHT 60  
 DB 1 MAAPKGSLSVWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHERACQLTYPLHT 60

QY 61 YPKEELYACQRCGLPFSICQFVDDGIDILNRTKLCESACTEAYSQSDQYACHLGCONQ 120  
 DB 61 YPKEELYACQRCGLPFSICQFVDDGIDILNRTKLCESACTEAYSQSDQYACHLGCONQ 120

QY 121 LPFAELRQBLMSLAPKMLLPPLTLVRSFMDMDSAQSFITTSWTYLAQDDKIVIP 180  
 DB 121 LPFAELRQBLMSLAPKMLLPPLTLVRSFMDMDSAQSFITTSWTYLAQDDKIVIP 180

QY 181 QSKPEIOYAPHLEOEPNLRESLSKMSVLOVNSQAHNPFLEDCESDGLFCLNSGW 240  
 DB 181 QSKPEIOYAPHLEOEPNLRESLSKMSVLOVNSQAHNPFLEDCESDGLFCLNSGW 240

QY 241 ILTTTLVLSVMVLLMTCATVATVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
 DB 241 ILTTTLVLSVMVLLMTCATVATVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300

QY 301 SKTEDEHAGPLPTKVNLAHSEI 323  
 DB 301 SKTEDEHAGPLPTKVNLAHSEI 323

RESULT 67

ADA95856  
 ID ADA95856 standard; protein; 323 AA.

AC ADA95856;

XX 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
 KW liver; microvascular endothelial cell; glucose; FFA;  
 KW skeletal muscle cell; adipocyte cell; pericyte cell;  
 KW inner ear utricular supporting cell; T-lymphocyte cell;  
 KW endothelial cell tube formation; bone disorder; cartilage disorder;  
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
 KW immune system cell infiltration.

XX Homo sapiens.

XX US2003082759-A1.

XX 01-MAY-2003.

XX

PF 11-APR-2002; 2002US-00121040.  
 XX 31-MAR-1997; 97WO-US005230.  
 PR 12-JUN-1998; 98WO-US012456.  
 PR 14-JUL-1998; 98WO-US014552.  
 PR 28-AUG-1998; 98WO-US017888.  
 PR 10-SEP-1998; 98WO-US018824.  
 PR 14-SEP-1998; 98WO-US019093.  
 PR 14-SEP-1998; 98WO-US019094.  
 PR 14-SEP-1998; 98WO-US019177.  
 PR 16-SEP-1998; 98WO-US019330.  
 PR 17-SEP-1998; 98WO-US019437.  
 PR 07-OCT-1998; 98WO-US021141.  
 PR 29-OCT-1998; 98WO-US022991.  
 PR 29-OCT-1998; 98WO-US022992.  
 PR 20-NOV-1998; 98WO-US024855.  
 PR 01-DEC-1998; 98WO-US025108.  
 PR 01-DEC-1998; 98WO-US025108.  
 PR 08-MAR-1999; 99WO-US000106.  
 PR 08-MAR-1999; 99WO-US005028.  
 PR 20-APR-1999; 99WO-US005190.  
 PR 20-APR-1999; 99WO-US008615.  
 PR 14-MAY-1999; 99WO-US010733.  
 PR 02-JUN-1999; 99WO-US012252.  
 PR 01-SEP-1999; 99WO-US020111.  
 PR 08-SEP-1999; 99WO-US020594.  
 PR 13-SEP-1999; 99WO-US020944.  
 PR 15-SEP-1999; 99WO-US021090.  
 PR 15-SEP-1999; 99WO-US021547.  
 PR 05-OCT-1999; 99WO-US023089.  
 PR 29-NOV-1999; 99WO-US028214.  
 PR 30-NOV-1999; 99WO-US028313.  
 PR 01-DEC-1999; 99WO-US028409.  
 PR 01-DEC-1999; 99WO-US028301.  
 PR 01-DEC-1999; 99WO-US028634.  
 PR 02-DEC-1999; 99WO-US028551.  
 PR 02-DEC-1999; 99WO-US028564.  
 PR 02-DEC-1999; 99WO-US028565.  
 PR 16-DEC-1999; 99WO-US030095.  
 PR 20-DEC-1999; 99WO-US030911.  
 PR 20-DEC-1999; 99WO-US030999.  
 PR 22-DEC-1999; 99WO-US030720.  
 PR 30-DEC-1999; 99WO-US031243.  
 PR 30-DEC-1999; 99WO-US031274.  
 PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 06-JAN-2000; 2000WO-US000376.  
 PR 11-FEB-2000; 2000WO-US003585.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 22-FEB-2000; 2000WO-US004342.  
 PR 24-FEB-2000; 2000WO-US004414.  
 PR 24-FEB-2000; 2000WO-US004914.  
 PR 01-MAR-2000; 2000WO-US005004.  
 PR 02-MAR-2000; 2000WO-US005601.  
 PR 02-MAR-2000; 2000WO-US005746.  
 PR 02-MAR-2000; 2000WO-US005841.  
 PR 10-MAR-2000; 2000WO-US006319.  
 PR 15-MAR-2000; 2000WO-US006884.  
 PR 20-MAR-2000; 2000WO-US007377.  
 PR 21-MAR-2000; 2000WO-US007532.  
 PR 21-MAR-2000; 2000WO-US008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUN-2000; 2000WO-US020710.  
 PR 11-AUG-2000; 2000WO-US022031.  
 PR 23-AUG-2000; 2000WO-US023522.  
 PR 08-AUG-2000; 2000WO-US023328.  
 PR 08-NOV-2000; 2000WO-US030952.  
 PR 10-NOV-2000; 2000WO-US030873.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000US-00747259.  
 PR 20-DEC-2000; 2000WO-US034956.

PR 28-FEB-2001; 2001US-00796498.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 01-MAR-2001; 2001WO-US006666.  
 PR 09-MAR-2001; 2001US-00802706.  
 PR 14-MAR-2001; 2001US-00808689.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 05-APR-2001; 2001US-00828366.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 10-MAY-2001; 2001US-00854280.  
 PR 18-MAY-2001; 2001US-00860216.  
 PR 25-MAY-2001; 2001US-00866028.  
 PR 25-MAY-2001; 2001US-00866034.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 05-JUN-2001; 2001US-00874503.  
 PR 14-JUN-2001; 2001US-00882636.  
 PR 19-JUN-2001; 2001US-00886342.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 21-JUN-2001; 2001US-00887879.  
 PR 22-JUN-2001; 2001WO-US020116.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 18-JUL-2001; 2001US-00908827.  
 PR 06-AUG-2001; 2001US-00924419.  
 PR 09-AUG-2001; 2001US-00927796.  
 PR 16-AUG-2001; 2001US-00931836.  
 PR 19-DEC-2001; 2001US-00028072.

## (GETH ) GENENTECH INC.

Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-755114/71.  
 N-PSDB; ADA95855.

New isolated PRO polypeptides, useful for treating diabetes, hyper- or hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart attack, various coagulation disorders and tumors.

Claim 12; Fig 272; 638pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting the proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKSLVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKSLVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKREELYACORCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120  
DB 61 YPKREELYACORCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120  
QY 121 LPFAELROQLSLMPKMLLPPLTLVRSFWMDSQSFITSSWTFVLQADDGKIVIF 180  
DB 121 LPFAELROQLSLMPKMLLPPLTLVRSFWMDSQSFITSSWTFVLQADDGKIVIF 180  
QY 181 QSKPEIYAPHLQEPNTLRESSLKMSVYQNRNSQAHENFLEDGESDGLFCLSLNSGW 240  
DB 181 QSKPEIYAPHLQEPNTLRESSLKMSVYQNRNSQAHENFLEDGESDGLFCLSLNSGW 240  
QY 241 ILTTVLVSNVLLTCCATVATAYQVPSEKLSIYGLEFWNEOKLNRYEPASSLVVVR 300  
DB 241 ILTTVLVSNVLLTCCATVATAYQVPSEKLSIYGLEFWNEOKLNRYEPASSLVVVR 300  
QY 301 SKTDEHEEAGPLTKVNLHSEI 323  
DB 301 SKTDEHEEAGPLTKVNLHSEI 323

RESULT 68  
ADB26165  
ID ADB26165 standard; protein; 323 AA.  
AC ADB26165;  
DT 20-NOV-2003 (first entry)  
DE Human PRO polypeptide #136.  
KW Human; PRO: secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;  
KW immune system cell infiltration.

OS Homo sapiens.  
XX US2003082760-A1.  
PN 01-MAY-2003.  
PD 12-APR-2002; 2002US-00121056.  
PF 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 14-SEP-1998; 98WO-US019177.

PR 16-SEP-1998; 98WO-US019330.  
PR 17-SEP-1998; 98WO-US019437.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022991.  
PR 29-OCT-1998; 98WO-US022992.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 98WO-US000106.  
PR 08-MAR-1999; 98WO-US005028.  
PR 10-MAR-1999; 98WO-US005190.  
PR 20-APR-1999; 98WO-US008615.  
PR 14-MAY-1999; 98WO-US010733.  
PR 02-JUN-1999; 98WO-US012252.  
PR 01-SEP-1999; 98WO-US020111.  
PR 08-SEP-1999; 98WO-US020594.  
PR 13-SEP-1999; 98WO-US020944.  
PR 15-SEP-1999; 98WO-US021090.  
PR 15-SEP-1999; 98WO-US021547.  
PR 05-OCT-1999; 98WO-US023089.  
PR 29-NOV-1999; 98WO-US028214.  
PR 30-NOV-1999; 98WO-US028313.  
PR 30-NOV-1999; 98WO-US028409.  
PR 01-DEC-1999; 98WO-US028301.  
PR 01-DEC-1999; 98WO-US028634.  
PR 02-DEC-1999; 98WO-US028551.  
PR 02-DEC-1999; 98WO-US028564.  
PR 16-DEC-1999; 98WO-US030095.  
PR 20-DEC-1999; 98WO-US030911.  
PR 20-DEC-1999; 98WO-US030999.  
PR 22-DEC-1999; 98WO-US030720.  
PR 30-DEC-1999; 98WO-US031243.  
PR 05-JAN-2000; 98WO-US031274.  
PR 06-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 10-NOV-2000; 2000WO-US030382.  
PR 01-DEC-2000; 2000WO-US030873.  
PR 20-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-0074259.  
PR 28-FEB-2001; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 01-MAR-2001; 2001WO-US006520.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.

PR	25-MAY-2001	2001US-00865028.
PR	25-MAY-2001	2001US-00866034.
PR	25-MAY-2001	2001WO-US017092.
PR	01-JUN-2001	2001US-00872005.
PR	01-JUN-2001	2001WO-US017800.
PR	01-JUN-2001	2001US-00872035.
PR	01-JUN-2001	2001US-00874503.
PR	14-JUN-2001	2001US-00882536.
PR	19-JUN-2001	2001US-00886342.
PR	20-JUN-2001	2001WO-US019692.
PR	21-JUN-2001	2001US-00887879.
PR	22-JUN-2001	2001WO-US020116.
PR	23-JUN-2001	2001WO-US021066.
PR	08-JUL-2001	2001WO-US021735.
PR	19-JUL-2001	2001US-00908827.
PR	06-AUG-2001	2001US-00924419.
PR	09-AUG-2001	2001US-00927796.
PR	16-AUG-2001	2001US-00931836.
PR	19-DEC-2001	2001US-00928072.

Matches	323;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0
QY	1	MAAPKGS	LWVRTQLGLPPILLITL	TMALAGSGTASAEAFDSVLGDTAS	CHRACOLTYPLHT	60			
Ddb	1	MAAPKGS	LWVRTQLGLPPILLITL	TMALAGSGTASAEAFDSVLGDTAS	CHRACOLTYPLHT	60			
QY	61	YPKEEELIYA	CQRCLRFLSFICQFVD	DGDILNRTKLCEESACTEAYSQSD	EYACHIGCQNQ	120			
Ddb	61	YPKEEELIYA	CQRCLRFLSFICQFVD	DGDILNRTKLCEESACTEAYSQSD	EYACHIGCQNQ	120			
QY	121	LPFAELRQE	QLSIMPKNHLLPFLTIVRS	FWSMDMSAQSFITTSWTYYLQADD	KKIVIP	180			
Ddb	121	LPFAELRQE	QLSIMPKNHLLPFLTIVRS	FWSMDMSAQSFITTSWTYYLQADD	KKIVIP	180			
QY	181	OSKPEIRIQ	YAPHLSOEPTNRRESLS	TKMSYLQWRNSQAHRNFLEDGESDGFRLC	LSLSGW	240			
Ddb	181	OSKPEIRIQ	YAPHLSOEPTNRRESLS	TKMSYLQWRNSQAHRNFLEDGESDGFRLC	LSLSGW	240			
QY	241	ILTTLTVLS	VVVLLIWTCATVAFAVEQQYVPSEKLSIYG	DLFPNNQKLNRYPASSLVVVR	300				
Ddb	241	ILTTLTVLS	VVVLLIWTCATVAFAVEQQYVPSEKLSIYG	DLFPNNQKLNRYPASSLVVVR	300				
QY	301	SKTEDHEA	GPLTKYNLAHSKI	323					
Ddb	301	SKTEDHEA	GPLTKYNLAHSEI	323					
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XX		ADBE21650;							
XX		20-NOV-2003	(first entry)						
XX		Novel human secreted and transmembrane protein	PRO195.						
XX		Human; secreted and transmembrane protein; PRO;							
XX		Tumour necrosis factor alpha release; TNF-alpha release;							
XX		glucose uptake modulator; FFA uptake modulator;							
XX		cell proliferation stimulator; cell differentiation stimulator;							
XX		cell differentiation inhibitor; cytokine release stimulator;							
XX		lung tumoure; colon tumour; breast tumour; prostate tumour; rectal tumour;							
XX		cervical tumour; liver tumour; chromosome mapping; gene mapping;							
XX		gene therapy; chromosome identification; chromosome marker.							
XX		Homo sapiens.							
XX		US2003082765-A1.							
XX		01-MAY-2003.							
XX		17-MAY-2002; 2002US-00147492.							
XX		31-MAR-1997; 97WO-US005230.							
XX		12-JUN-1998; 98WO-US012456.							
XX		14-JUL-1998; 98WO-US014552.							
XX		28-AUG-1998; 98WO-US017888.							
XX		10-SEP-1998; 98WO-US018824.							
XX		14-SEP-1998; 98WO-US019093.							
XX		14-SEP-1998; 98WO-US019094.							
XX		14-SEP-1998; 98WO-US019177.							
XX		16-SEP-1998; 98WO-US019330.							
XX		17-SEP-1998; 98WO-US019437.							
XX		07-OCT-1998; 98WO-US021141.							
XX		29-OCT-1998; 98WO-US022991.							
XX		29-OCT-1998; 98WO-US022992.							
XX		20-NOV-1998; 98WO-US024855.							
XX		01-DEC-1998; 98WO-US025108.							
XX		05-JAN-1999; 99WO-US000106.							
XX		08-MAR-1999; 99WO-US005028.							
XX		10-MAR-1999; 99WO-US005150.							
XX		20-APR-1999; 99WO-US008615.							

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PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 01-SEP-1999; 99WO-US020111.
PR 08-SEP-1999; 99WO-US020594.
PR 13-SEP-1999; 99WO-US020944.
PR 15-SEP-1999; 99WO-US021090.
PR 15-SEP-1999; 99WO-US021547.
PR 05-OCT-1999; 99WO-US023089.
PR 29-NOV-1999; 99WO-US028214.
PR 30-NOV-1999; 99WO-US028313.
PR 30-NOV-1999; 99WO-US028409.
PR 01-DEC-1999; 99WO-US028301.
PR 01-DEC-1999; 99WO-US028634.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028564.
PR 16-DEC-1999; 99WO-US028565.
PR 20-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005601.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-0074259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 28-FEB-2001; 2001WO-US006520.
PR 01-MAR-2001; 2001WO-US006666.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00808689.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.

PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.
XX (GETH ) GENENTECH INC.
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX WPI; 2003-786920/74.
XX N-PSDB; ADB21649.
XX New secreted and transmembrane PRO polypeptide useful for detecting the
XX presence of tumor in a mammal, or modulating the uptake of glucose or
XX free fatty acid by skeletal muscle cells or adipocyte cells.
XX Claim 12; Fig 272; 638pp; English.
XX The invention describes 305 nucleic acids encoding PRO (secreted and
XX transmembrane) polypeptides (I). (I) is useful for stimulating the
XX release of TNF-alpha from human blood, for modulating the uptake of
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for
XX stimulating the proliferation or differentiation of chondrocyte cells,
XX for stimulating the proliferation of or gene expression in paricycle
XX cells, for stimulating the release of proteoglycans from cartilage, for
XX stimulating the proliferation of inner ear utricular supporting cells,
XX for stimulating the proliferation of T-lymphocyte cells, for stimulating
XX the release of a cytokine from PBMC cells, for inhibiting the binding of
XX A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte
XX cells, for stimulating proliferation of endothelial cells, for detecting
XX the presence of tumour in a mammal. The tumour is lung, colon, breast,
XX prostate, rectal, cervical or liver tumour. The oligonucleotide probes
XX are useful for isolating genomic and cDNA nucleotide sequences or
XX antisense probes. (I) is also useful as therapeutic agent. PRO is useful
XX in assays to identify other proteins or molecules involved in binding
XX interaction. A polynucleotide (II) encoding (I) is useful in chromosome
XX and gene mapping, in generation of antisense RNA and DNA, in the
XX preparation of PRO polypeptide, for generating transgenic animals or
XX knockout animals which in turn are useful in the development and
XX screening of therapeutically useful reagents, in gene therapy, for
XX chromosome identification, as chromosome marker, and for generating
XX probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.
XX detecting its expression in specific cells, tissues or serum, and for
XX affinity purification of PRO from recombinant cell culture or natural
XX sources. (I) and (II) are useful for tissue typing. This is the amino
XX acid sequence of a novel human secreted and transmembrane PRO
XX polypeptide.
XX Sequence 323 AA;
XX SQ
Query Match 100.0%; Score 1694; DB 6; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Gaps 0;
Matches 323; Conservative 0; Mismatches 0; Indels 0;
QY 1 MAAPKGLWVLTQLGLPPLLLTALAGSGGTASAPDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGLWVLTQLGLPPLLLTALAGSGGTASAPDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKKEELYACORGCLEFSICQFVDDGDIDLNRKLECESACTRAYSQSDQYACHGCONQ 120
DB 61 YPKKEELYACORGCLEFSICQFVDDGDIDLNRKLECESACTRAYSQSDQYACHGCONQ 120
QY 121 LPFAELRQEQQLMSLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLAQDGGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLAQDGGKIVIF 180
QY 181 QSKPDIQYAPHLRQEPNLRESLSLMSVYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240
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PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00118517.  
PR 22-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 99WO-US000106.  
PR 05-MAR-1999; 99US-00254465.  
PR 08-MAR-1999; 99WO-US0005028.  
PR 10-MAR-1999; 99US-00265686.  
PR 10-MAR-1999; 99WO-US0005190.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-MAR-1999; 99US-0123957P.  
PR 12-MAR-1999; 99US-0126773P.  
PR 12-APR-1999; 99US-00284291.  
PR 12-APR-1999; 99US-0130232P.  
PR 26-APR-1999; 99US-0131022P.  
PR 28-APR-1999; 99US-0131445P.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99US-0134287P.  
PR 14-MAY-1999; 99WO-US010733.  
PR 14-MAY-1999; 99WO-US012252.  
PR 02-JUN-1999; 99US-0139557P.  
PR 16-JUN-1999; 99US-0141037P.  
PR 23-JUN-1999; 99US-0142680P.  
PR 07-JUL-1999; 99US-0145698P.  
PR 28-JUL-1999; 99US-0146222P.  
PR 25-AUG-1999; 99US-00380137.  
PR 25-AUG-1999; 99US-00380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 29-OCT-1999; 99US-0162506P.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 31-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014541.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001WO-US017092.  
PR 25-MAY-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 01-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.

Query Match 100.0%; Score 1694; DB 6; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGLWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
Qy 121 LPPAEIROBOLSLMPKMLHLLPPLTVRSFWSMDMSAQSEFITSSTWTFYLOADDGKIVIF 180  
Db 121 LPPAEIROBOLSLMPKMLHLLPPLTVRSFWSMDMSAQSEFITSSTWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLRQEPNTLNRESLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLRQEPNTLNRESLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240  
Qy 241 ILTTIVLSVMVLLTCCATVATAVQYVPSKLSIYGLBEMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTIVLSVMVLLTCCATVATAVQYVPSKLSIYGLBEMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPKVNLHSEI 323  
Db 301 SKTEDHEEAGPLPKVNLHSEI 323  
RESULT 71  
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ID ADA77429 standard; protein; 323 AA.  
XX ADA77429;  
DT 20-NOV-2003 (first entry)  
DE Human PRO polypeptide #136.  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; PFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX Homo sapiens.  
XX US2003068797-A1.  
PD 10-APR-2003.  
XX 07-MAY-2002; 2002US-00140921.  
XX 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018424.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 14-SEP-1998; 98WO-US019177.  
PR 16-SEP-1998; 98WO-US019437.  
PR 17-SEP-1998; 98WO-US019430.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022991.  
PR 29-OCT-1998; 98WO-US022992.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 20-APR-1999; 99WO-US008615.  
PR 14-MAY-1999; 99WO-US010733.



02-JUN-1999; 99WO-US012252.  
 01-SEP-1999; 99WO-US020111.  
 08-SEP-1999; 99WO-US020594.  
 13-SEP-1999; 99WO-US020944.  
 15-SEP-1999; 99WO-US021090.  
 15-SEP-1999; 99WO-US021547.  
 05-OCT-1999; 99WO-US023089.  
 29-NOV-1999; 99WO-US028214.  
 30-NOV-1999; 99WO-US028313.  
 30-NOV-1999; 99WO-US028409.  
 01-DEC-1999; 99WO-US028301.  
 01-DEC-1999; 99WO-US028634.  
 02-DEC-1999; 99WO-US028551.  
 02-DEC-1999; 99WO-US028564.  
 02-DEC-1999; 99WO-US028565.  
 16-DEC-1999; 99WO-US030095.  
 20-DEC-1999; 99WO-US030911.  
 20-DEC-1999; 99WO-US030999.  
 22-DEC-1999; 99WO-US030720.  
 30-DEC-1999; 99WO-US031243.  
 30-DEC-1999; 99WO-US031274.  
 05-JAN-2000; 2000WO-US000219.  
 06-JAN-2000; 2000WO-US000377.  
 06-JAN-2000; 2000WO-US000376.  
 11-FEB-2000; 2000WO-US003565.  
 18-FEB-2000; 2000WO-US004341.  
 18-FEB-2000; 2000WO-US004342.  
 22-FEB-2000; 2000WO-US004414.  
 24-FEB-2000; 2000WO-US004914.  
 24-FEB-2000; 2000WO-US005004.  
 01-MAR-2000; 2000WO-US005601.  
 02-MAR-2000; 2000WO-US005746.  
 02-MAR-2000; 2000WO-US005841.  
 10-MAR-2000; 2000WO-US006319.  
 15-MAR-2000; 2000WO-US006884.  
 20-MAR-2000; 2000WO-US007377.  
 21-MAR-2000; 2000WO-US007532.  
 30-MAR-2000; 2000WO-US008439.  
 17-MAY-2000; 2000WO-US013705.  
 22-MAY-2000; 2000WO-US014042.  
 30-MAY-2000; 2000WO-US014941.  
 02-JUN-2000; 2000WO-US015264.  
 28-JUL-2000; 2000WO-US020710.  
 11-AUG-2000; 2000WO-US022031.  
 23-AUG-2000; 2000WO-US023322.  
 24-AUG-2000; 2000WO-US023328.  
 08-NOV-2000; 2000WO-US030952.  
 10-NOV-2000; 2000WO-US030873.  
 01-DEC-2000; 2000WO-US032678.  
 20-DEC-2000; 2000US-00747259.  
 20-DEC-2000; 2000WO-US034956.  
 28-FEB-2001; 2000US-00796438.  
 28-FEB-2001; 2001WO-US006520.  
 01-MAR-2001; 2001WO-US006666.  
 09-MAR-2001; 2001US-00802706.  
 14-MAR-2001; 2001US-00808689.  
 22-MAR-2001; 2001US-00816744.  
 05-APR-2001; 2001US-00828366.  
 10-MAY-2001; 2001US-00854208.  
 10-MAY-2001; 2001US-00854280.  
 18-MAY-2001; 2001US-00860216.  
 25-MAY-2001; 2001US-00866028.  
 25-MAY-2001; 2001US-00866034.  
 25-MAY-2001; 2001WO-US017092.  
 01-JUN-2001; 2001US-00872035.  
 01-JUN-2001; 2001WO-US017800.  
 05-JUN-2001; 2001US-00874503.  
 14-JUN-2001; 2001US-00882636.  
 19-JUN-2001; 2001US-00886342.  
 20-JUN-2001; 2001WO-US019692.  
 21-JUN-2001; 2001US-00887879.  
 22-JUN-2001; 2001WO-US020116.  
 29-JUN-2001; 2001WO-US021066.

09-JUL-2001; 2001WO-US021735.  
 18-JUL-2001; 2001US-00908827.  
 06-AUG-2001; 2001US-00924419.  
 09-AUG-2001; 2001US-00927796.  
 16-AUG-2001; 2001US-00931836.  
 19-DEC-2001; 2001US-00028072.

(GETH ) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 Smith V, Stewart RA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-625489/59.  
 N-PSDB; ADA77428.

Novel isolated, secreted and transmembrane PRO polypeptides e.g. PRO1801  
 and PRO1114, useful in the preparation of a medicament for treating a  
 condition responsive to PRO polypeptide, and as therapeutic agents e.g.  
 vaccines.

Claim 12; Fig 272; 659pp; English.

The invention relates to isolated human PRO polypeptides (secreted and  
 transmembrane polypeptides) and the polynucleotides encoding them. The  
 invention also relates to an antibody which specifically binds to a PRO  
 polypeptide, a method for stimulating the release of tumour necrosis  
 factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 proliferation or differentiation of chondrocyte cells and a method for  
 detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 polynucleotides are useful in molecular biology, including uses as  
 hybridisation probes, in chromosome and gene mapping, in generating  
 antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 be used in preparing PRO polypeptides by recombinant techniques and in  
 generating either transgenic animals or knock-out animals which are  
 useful in the development and screening of therapeutically useful  
 reagents. The PRO polypeptides or antibodies are used in preparing a  
 medicament for treating a condition responsive to the polypeptides or  
 antibodies, such as tumours, for stimulating and inhibiting proliferation  
 of human microvascular endothelial cells, for modulating the uptake of  
 glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating  
 glomerular differentiation of adipocyte cells, for stimulating  
 proliferation of or gene expression in pericyte cells, for stimulating  
 the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 cells, for inducing endothelial cell tube formation and for treating  
 various bone and/or cartilage disorders such as sports injuries and  
 arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 from cartilage are useful for treating sports-related joint problems, PRO  
 articular cartilage defects, osteoarthritis and rheumatoid arthritis, PRO  
 polypeptides are also useful for treating various mammalian haemoglobin-  
 associated disorders such as various thalassaemias and conditions which  
 may benefit from enhanced local immune system cell infiltration. This  
 sequence represents a human PRO polypeptide of the invention. Note: The  
 sequence data for this patent is also available in electronic format from  
 USPTO at seqdata.uspto.gov/sequence.html.

Sequence 323 AA;

Query Match	100.0%;	Score 1694;	DB 7;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 5.5e-167;		
Matches 323;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0;

QY 1 MAAPKGSILWVTRTQLGPPILLITWALAGSGTASABAFSDVLGDTASCHRACTYPLEHT 60  
 |||||  
 Db 1 MAAPKGSILWVTRTQLGPPILLITWALAGSGTASABAFSDVLGDTASCHRACTYPLEHT 60  
 |||||  
 QY 61 YPKREELVACORGCELFSICQFVDDGIDLNKTKLECSACTEAYSQSDQVACHLGCNQ 120  
 |||||  
 Db 61 YPKREELVACORGCELFSICQFVDDGIDLNKTKLECSACTEAYSQSDQVACHLGCNQ 120  
 |||||  
 QY 121 LPFAELRQELMSLMPKQVHLLPPLTLNRSFWSMDMSAQSFITSWTFFYLQADGKIVP 180  
 |||||

Db 121 LPFAELRQQLMSLMPKQHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNRNFLEDGESDGLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNRNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 72

ADB18169

ID ADB18169 standard; protein; 323 AA.

XX ADB18169;

XX ADB18169;

DT 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX liver; microvascular endothelial cell; glucose; FFA;

XX skeletal muscle cell; adipocyte cell; pericyte cell;

XX inner ear utricular supporting cell; T-lymphocyte cell;

XX endothelial cell tube formation; bone disorder; cartilage disorder;

XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX immune system cell infiltration.

XX Homo sapiens.

OS US2003077710-A1.

XX 24-APR-2003.

XX 22-APR-2002; 2002US-00127825.

XX 22-OCT-1998; 98US-0105169P.

XX 01-SEP-1999; 99WO-US020111.

XX 18-OCT-1999; 99US-00403297.

XX 30-NOV-1999; 99WO-US028313.

XX 18-FEB-2000; 2000WO-US004342.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH ) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-755065/71.

XX N-PSDB; ADB18169.

XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful

XX in gene therapy, in chromosome and gene mapping, as chromosome markers,

XX in tissue typing, and in identifying chromosomes.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

XX transmembrane polypeptides) and the polynucleotides encoding them. The

XX invention also relates to an antibody which specifically binds to a PRO

XX polypeptide, a method for stimulating the release of tumour necrosis

XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the

XX proliferation or differentiation of chondrocyte cells and a method for

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CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems. PRO articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at seqdata.uspto.gov.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Fred. No. 5.5e-167; Indels 0; Gaps 0;

Matches 323; Conservative 0; Mismatches 0;

QY 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKHEELIYACQRCLEFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCCNQ 120

Db 61 YPKHEELIYACQRCLEFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCCNQ 120

QY 121 LPFAELRQQLMSLMPKQHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQQLMSLMPKQHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNRNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNRNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 73

ADA86852

ID ADA86852 standard; protein; 323 AA.

XX ADA86852;

XX ADA86852;

DT 20-NOV-2003 (first entry)

XX Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO;

XX Tumour necrosis factor alpha release; TNF-alpha release;

XX Glucose uptake modulator; FFA uptake modulator;

XX cell proliferation stimulator; cell differentiation stimulator;

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cell differentiation inhibitor; cytokine release stimulator; tumour;  
lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
cervical tumour; liver tumour; chromosome mapping; gene mapping;  
gene therapy; chromosome identification; chromosome marker.

Homo sapiens.

US2003082709-A1.

01-MAY-2003.

15-MAY-2002; 2002US-00146791.

17-AUG-1998; 98US-0096895P.

02-JUN-1999; 99WO-US012252.

25-AUG-1999; 99US-00380137.

30-MAR-2000; 2000WO-US008439.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH ) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
Geritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-786912/74.

N-PSDB; ADA86851.

New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide,  
for preparing a composition for treating e.g., tumor, or for tissue  
typing.

Claim 12; Fig 272; 637pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and  
transmembrane) polypeptides (I). (I) is useful for stimulating the  
release of TNF-alpha from human blood, for modulating the uptake of  
glucose or FFA by skeletal muscle cells or adipocyte cells, for  
stimulating the proliferation or differentiation of chondrocyte cells,  
for stimulating the proliferation of or gene expression in pericyte  
cells, for stimulating the release of proteoglycans from cartilage, for  
stimulating the proliferation of T-lymphocyte cells, for stimulating  
the release of a cytokine from BMDM cells, for inhibiting the binding of  
A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
cells, for stimulating proliferation of endothelial cells, for detecting  
the presence of tumour in a mammal. The tumour is lung, colon, breast,  
prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
are useful for isolating genomic and cDNA nucleotide sequences or  
antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
in assays to identify other proteins or molecules involved in binding  
interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
and gene mapping, in generation of antisense RNA and DNA, in the  
preparation of PRO polypeptide, for generating transgenic animals or  
knockout animals which in turn are useful in the development and  
screening of therapeutically useful reagents, in gene therapy, for  
chromosome identification, as chromosome marker, and for generating  
probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
detecting its expression in specific cells, tissues or serum, and for  
affinity purification of PRO from recombinant cell culture or natural  
sources. (I) and (II) are useful for tissue typing. This is the amino  
acid sequence of a novel human secreted and transmembrane PRO  
polypeptide.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;

1 MAAPKGLMVRVQLGLPPLLLTALAGSGTASAEAFDVLGDTASCHRAQQLTYPLHT 60

|||||

Db 1 MAAPKGLMVRVQLGLPPLLLTALAGSGTASAEAFDVLGDTASCHRAQQLTYPLHT 60  
Qy 61 YPKERELVACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120  
Db 61 YPKERELVACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120  
Qy 121 LPPFAELROQLMSLMPKWHLLFPLTLVRSFMSDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPPFAELROQLMSLMPKWHLLFPLTLVRSFMSDMSAQSFITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQVAPHLQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLFRLCLSLNSGW 240  
Db 181 QSKPEIQVAPHLQEPNTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLFRLCLSLNSGW 240  
Qy 241 ILTTTLVLSVNVLLWICCATVATVATVATVATVATVATVATVATVATVATVATVATV 300  
Db 241 ILTTTLVLSVNVLLWICCATVATVATVATVATVATVATVATVATVATVATVATVAT 300  
Qy 301 SKTRDHEAGPLPTKVNLAHSEI 323  
Db 301 SKTRDHEAGPLPTKVNLAHSEI 323

RESULT 74

ADA87955

ID ADA87955 standard; protein; 323 AA.

XX AC ADA87955;

XX DT 20-NOV-2003 (first entry)

XX DE Novel human secreted and transmembrane protein PRO195.

XX KW Human; secreted and transmembrane protein; PRO;  
XX KW Tumour necrosis factor alpha release; TNF-alpha release;  
XX KW Glucose uptake modulator; FFA uptake modulator;  
XX KW Cell proliferation stimulator; cell differentiation stimulator;  
XX KW Cell differentiation inhibitor; cytokine release stimulator; tumour;  
XX KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
XX KW gene therapy; chromosome identification; chromosome marker.

XX OS Homo sapiens.

XX US2003082700-A1.

XX PD 01-MAY-2003.

XX PF 23-APR-2002; 2002US-00128684.

XX PR 05-JUN-2000; 2000US-0209832P.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH ) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
XX PI Geritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX DR WPI; 2003-786910/74.

XX DR N-PSDB; ADA87954.

XX XX New PRO nucleic acid, useful for preparing a composition for treating  
XX e.g., tumor or for tissue typing.

XX PS Claim 12; Fig 272; 637pp; English.

XX CC The invention describes 305 nucleic acids encoding PRO (secreted and  
XX CC transmembrane) polypeptides (I). (I) is useful for stimulating the  
XX CC release of TNF-alpha from human blood, for modulating the uptake of  
XX CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
XX CC stimulating the proliferation or differentiation of chondrocyte cells,

for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating of the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

gene therapy; chromosome identification; chromosome marker.	
XX OS Homo sapiens.	
XX PN US2003054516-A1.	
XX XX 20-MAR-2003.	
XX PF 12-APR-2002; 2002US-00121050.	
XX XX 31-MAR-1997; 97WO-US005230.	
PR PR 12-JUN-1998; 98WO-US012456.	
PR PR 14-JUL-1998; 98WO-US014552.	
PR PR 28-AUG-1998; 98WO-US017888.	
PR PR 10-SEP-1998; 98WO-US018824.	
PR PR 14-SEP-1998; 98WO-US019093.	
PR PR 14-SEP-1998; 98WO-US019177.	
PR PR 16-SEP-1998; 98WO-US019330.	
PR PR 17-SEP-1998; 98WO-US019437.	
PR PR 07-OCT-1998; 98WO-US021141.	
PR PR 29-OCT-1998; 98WO-US022991.	
PR PR 29-OCT-1998; 98WO-US022992.	
PR PR 20-NOV-1998; 98WO-US024855.	
PR PR 01-DEC-1998; 98WO-US025108.	
PR PR 05-JAN-1999; 98WO-US000106.	
PR PR 08-MAR-1999; 98WO-US005028.	
PR PR 10-MAR-1999; 98WO-US005190.	
PR PR 20-APR-1999; 98WO-US008615.	
PR PR 14-MAY-1999; 98WO-US010733.	
PR PR 02-JUN-1999; 98WO-US012252.	
PR PR 01-SEP-1999; 98WO-US020111.	
PR PR 08-SEP-1999; 98WO-US020594.	
PR PR 13-SEP-1999; 98WO-US020944.	
PR PR 15-SEP-1999; 98WO-US021090.	
PR PR 15-SEP-1999; 98WO-US021347.	
PR PR 05-OCT-1999; 98WO-US023089.	
PR PR 29-NOV-1999; 98WO-US028214.	
PR PR 30-NOV-1999; 98WO-US028313.	
PR PR 30-NOV-1999; 98WO-US028409.	
PR PR 01-DEC-1999; 98WO-US028301.	
PR PR 01-DEC-1999; 98WO-US028324.	
PR PR 02-DEC-1999; 98WO-US028551.	
PR PR 02-DEC-1999; 98WO-US028564.	
PR PR 16-DEC-1999; 98WO-US028565.	
PR PR 20-DEC-1999; 98WO-US030095.	
PR PR 20-DEC-1999; 98WO-US030911.	
PR PR 22-DEC-1999; 98WO-US030999.	
PR PR 22-DEC-1999; 98WO-US030720.	
PR PR 30-DEC-1999; 98WO-US031343.	
PR PR 30-DEC-1999; 98WO-US031274.	
PR PR 05-JAN-2000; 2000WO-US000219.	
PR PR 06-JAN-2000; 2000WO-US000277.	
PR PR 06-JAN-2000; 2000WO-US000376.	
PR PR 11-FEB-2000; 2000WO-US003565.	
PR PR 18-FEB-2000; 2000WO-US004341.	
PR PR 18-FEB-2000; 2000WO-US004342.	
PR PR 22-FEB-2000; 2000WO-US004414.	
PR PR 24-FEB-2000; 2000WO-US004914.	
PR PR 24-FEB-2000; 2000WO-US005004.	
PR PR 01-MAR-2000; 2000WO-US005601.	
PR PR 02-MAR-2000; 2000WO-US005746.	
PR PR 02-MAR-2000; 2000WO-US005841.	
PR PR 10-MAR-2000; 2000WO-US006319.	
PR PR 15-MAR-2000; 2000WO-US006884.	
PR PR 20-MAR-2000; 2000WO-US007377.	
PR PR 21-MAR-2000; 2000WO-US007532.	
PR PR 30-MAR-2000; 2000WO-US008439.	
PR PR 17-MAY-2000; 2000WO-US013705.	
PR PR 22-MAY-2000; 2000WO-US014042.	
PR PR 30-MAY-2000; 2000WO-US014941.	
PR PR 02-JUN-2000; 2000WO-US015264.	
PR PR 28-JUN-2000; 2000WO-US020710.	

R 11-AUG-2000; 2000WO-US022031.  
R 23-AUG-2000; 2000WO-US023522.  
R 24-AUG-2000; 2000WO-US023328.  
R 08-NOV-2000; 2000WO-US030952.  
R 10-NOV-2000; 2000WO-US030873.  
R 01-DEC-2000; 2000WO-US032678.  
R 20-DEC-2000; 2000US-00747259.  
R 20-DEC-2000; 2000WO-US034956.  
R 28-FEB-2001; 2001US-00796498.  
R 28-FEB-2001; 2001WO-US006520.  
R 01-MAR-2001; 2001WO-US006666.  
R 09-MAR-2001; 2001US-00802706.  
R 14-MAR-2001; 2001US-00808689.  
R 22-MAR-2001; 2001US-00816744.  
R 05-APR-2001; 2001US-00828366.  
R 10-MAY-2001; 2001US-00854208.  
R 10-MAY-2001; 2001US-00854280.  
R 18-MAY-2001; 2001US-00860216.  
R 25-MAY-2001; 2001US-00866028.  
R 25-MAY-2001; 2001US-00866034.  
R 25-MAY-2001; 2001WO-US017092.  
R 01-JUN-2001; 2001US-00872035.  
R 01-JUN-2001; 2001WO-US017800.  
R 05-JUN-2001; 2001US-00874503.  
R 14-JUN-2001; 2001US-00882636.  
R 19-JUN-2001; 2001US-00886342.  
R 20-JUN-2001; 2001WO-US019692.  
R 21-JUN-2001; 2001US-00887879.  
R 22-JUN-2001; 2001WO-US020116.  
R 29-JUN-2001; 2001WO-US021066.  
R 09-JUL-2001; 2001WO-US021735.  
R 18-JUL-2001; 2001US-00908827.  
R 06-AUG-2001; 2001US-00924419.  
R 09-AUG-2001; 2001US-00927796.  
R 16-AUG-2001; 2001US-00931836.  
R 19-DEC-2001; 2001US-00928072.

(GETH ) GENENTECH INC.

Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff Z, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI: 2003-521853/49.

N-PSDB; ADA46342.

New PRO nucleic acid, useful for preparing a composition for treating  
e.g., tumor.

Claim 12; Fig 272; 200pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and  
transmembrane) polypeptides (I). (I) is useful for stimulating the  
release of TNF-alpha from human blood, for modulating the uptake of  
glucose or FFA by skeletal muscle cells or adipocyte cells, for  
stimulating the proliferation or differentiation of chondrocyte cells,  
for stimulating the proliferation or gene expression in pericyte  
cells, for stimulating the release of proteoglycans from cartilage, for  
stimulating the proliferation of inner ear utricular supporting cells,  
for stimulating the proliferation of T-lymphocyte cells, for stimulating  
the release of a cytokine from PMVC cells, for inhibiting the binding of  
A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
cells, for stimulating proliferation of endothelial cells, for detecting  
the presence of tumour in a mammal. The tumour is lung, colon, breast,  
prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
are useful for isolating genomic and cDNA nucleotide sequences or  
antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
in assays to identify other proteins or molecules involved in binding  
interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
and gene mapping, in generation of antisense RNA and DNA, in the  
preparation of PRO polypeptide, for generating transgenic animals or  
knockout animals which in turn are useful in the development and  
screening of therapeutically useful reagents, in gene therapy, for

CC chromosome identification, as chromosome marker, and for generating  
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
CC detecting its expression in specific cells, tissues or serum, and for  
CC affinity purification of PRO from recombinant cell culture or natural  
CC sources. (I) and (II) are useful for tissue typing. This is the amino  
CC acid sequence of a novel human secreted and transmembrane PRO  
CC polypeptide.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;

QY 1 MAAPKGLWVRLTGLPPLLLTALAGSGGTASABAFDVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGLWVRLTGLPPLLLTALAGSGGTASABAFDVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKREELIYACQRCGLFSLICQFVDDGDLNRTKLCESACTRAYSDROYACHLGCQW 120  
DB 61 YPKREELIYACQRCGLFSLICQFVDDGDLNRTKLCESACTRAYSDROYACHLGCQW 120  
QY 121 LPFAELRQELMSLMPKMLLPILTVRSFMSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMLLPILTVRSFMSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLQEPNTLRESSLKMSYLOMNSQAHNRFLEDGSDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQEPNTLRESSLKMSYLOMNSQAHNRFLEDGSDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLMVICCATVATVAVQYVSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLMVICCATVATVAVQYVSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEEAGPLPTKVLNLSBI 323  
DB 301 SKTEDEEAGPLPTKVLNLSBI 323

RESULT 76

ADB28373

ID ADB28373 standard; protein: 323 AA.

XX AC ADB28373;

XX DT 20-NOV-2003 (first entry)

XX DZ Human PRO polypeptide #136.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003082699-A1.

XX PD 01-MAY-2003.

XX PF 22-APR-2002; 2002US-00127851.

XX PR 17-JUN-1998; 98US-0089599P.

XX PR 02-JUN-1999; 99WO-US012252.

XX PR 25-AUG-1999; 99US-00380137.

XX PR 30-NOV-1999; 99WO-US028313.

XX PR 30-MAR-2000; 2000WO-US008439.

PR 01-DEC-2000; 2000WO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
XX (GENTH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski FJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
DR WPI; 2003-777202/73.  
DR N-PSDB; ADB28372.  
XX  
PT New PRO nucleic acid, useful for preparing a composition for treating  
PT e.g., tumor or for tissue typing.  
XX  
PS Claim 12; Fig 272; 637pp; English.  
XX  
CC The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting the uptake of  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC the proliferation of or gene expression in pericyte cells, for stimulating  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC the USPTO website at seqdata.uspto.gov.  
XX  
SQ Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGLWRTQGLPPLPPLLLTALAGSGGTASAEAFPSVLGDTASCHRAQLTYPLHT 60  
DB 1 MAAPKGLWRTQGLPPLPPLLLTALAGSGGTASAEAFPSVLGDTASCHRAQLTYPLHT 60  
QY 61 YPKEELIACQRCGLPFSICQFVDDGIDLNRKLECESACTRAYSQSDQYACHLGCQNG 120  
DB 61 YPKEELIACQRCGLPFSICQFVDDGIDLNRKLECESACTRAYSQSDQYACHLGCQNG 120  
QY 121 LPFAELRQELNLMPPKPHLLPFLTLVRSFWSMDMSAQSFITTSWTFYLOADDCKIVIF 180  
DB 121 LPFAELRQELNLMPPKPHLLPFLTLVRSFWSMDMSAQSFITTSWTFYLOADDCKIVIF 180  
QY 181 QSKPEIQYAPHLQEPNLNRESLSKMSYLOMNSQAHNFLEDGESGDFLCLINSGW 240  
DB 181 QSKPEIQYAPHLQEPNLNRESLSKMSYLOMNSQAHNFLEDGESGDFLCLINSGW 240

QY 241 ILTFTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
DB 241 ILTFTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 77  
ADB28925  
ID ADB28925 standard; protein; 323 AA.  
XX AC ADB28925;  
XX DT 20-NOV-2003 (first entry)  
XX DE Human PRO polypeptide #136.  
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX OS Homo sapiens.  
XX PN US2003082706-A1.  
XX PD 01-MAY-2003.  
XX PF 24-APR-2002; 2002US-00131836.  
XX PR 09-DEC-1999; 99US-0170282P.  
XX PR 10-NOV-2000; 2000WO-US030873.  
XX PR 01-DEC-2000; 2000WO-US032678.  
XX PR 19-DEC-2001; 2001US-00028072.  
XX (GENTH ) GENENTECH INC.  
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E;  
PI Gao W, Gerritsen ME, Goddard A, Godowski FJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-777203/73.  
DR N-PSDB; ADB28924.  
XX  
PT New PRO nucleic acid, useful for preparing a composition for treating  
PT e.g., tumor or for tissue typing.  
XX  
PS Claim 12; Fig 272; 637pp; English.  
XX  
CC The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or

antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at [seqdata.uspto.gov](http://seqdata.uspto.gov).

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSILWRTQIGLPEPLLLLTALAGSGTASARAFDSVLGDTASCHRACOLTYPLET 60  
1 MAAPKGSILWRTQIGLPEPLLLLTALAGSGTASARAFDSVLGDTASCHRACOLTYPLET 60  
61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
121 LPFAELRQELMSLMPKXHLPLLTIVRSFWSMDMSAQSPFITSSWTFYLOADDGKIVP 180  
121 LPFAELRQELMSLMPKXHLPLLTIVRSFWSMDMSAQSPFITSSWTFYLOADDGKIVP 180  
181 QSKPEIOVAPHEOPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIOVAPHEOPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
241 ILTTLVLVSVLLWICATVATVAVQVYVSEKLSIYGDLEFPNREQKLNRYPASSLIWVR 300  
241 ILTTLVLVSVLLWICATVATVAVQVYVSEKLSIYGDLEFPNREQKLNRYPASSLIWVR 300  
301 SKTEDEHREAGPLTKVNLHSEI 323  
301 SKTEDEHREAGPLTKVNLHSEI 323

RESULT 78  
ADA76877

ID ADA76877 standard; protein; 323 AA.

AC ADA76877;

YT 20-NOV-2003 (first entry)

DE Human PRO polypeptide #136.

Human; PRO; secreted polypeptide; transmembrane polypeptide;  
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
liver; microvascular endothelial cell; glucose; FFA;  
skeletal muscle cell; adipocyte cell; pericyte cell;  
inner ear utricular supporting cell; T-lymphocyte cell;  
endothelial cell tube formation; bone disorder; cartilage disorder;  
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
rheumatoid arthritis; haemoglobin-associated disorder thalassemia;  
immune system cell infiltration.

Homo sapiens.

US2003059909-A1.

XX 27-MAR-2003. 97WO-US005230.  
PD 10-MAY-2002; 2002US-00143032. 98WO-US012456.  
XX 31-MAR-1997; 98WO-US014552.  
XX 12-JUN-1998; 98WO-US017888.  
PR 14-JUL-1998; 98WO-US018824.  
PR 28-AUG-1998; 98WO-US019093.  
PR 10-SEP-1998; 98WO-US019094.  
PR 14-SEP-1998; 98WO-US019177.  
PR 14-SEP-1998; 98WO-US019330.  
PR 16-SEP-1998; 98WO-US019437.  
PR 17-SEP-1998; 98WO-US021141.  
PR 07-OCT-1998; 98WO-US022991.  
PR 29-OCT-1998; 98WO-US022992.  
PR 29-OCT-1998; 98WO-US024855.  
PR 20-NOV-1998; 98WO-US025108.  
PR 01-DEC-1998; 98WO-US000106.  
PR 05-JAN-1999; 98WO-US005028.  
PR 08-MAR-1999; 98WO-US005190.  
PR 10-MAR-1999; 98WO-US008615.  
PR 20-APR-1999; 98WO-US010733.  
PR 14-MAY-1999; 98WO-US012252.  
PR 02-JUN-1999; 98WO-US020111.  
PR 01-SEP-1999; 98WO-US020594.  
PR 08-SEP-1999; 98WO-US020944.  
PR 13-SEP-1999; 98WO-US021090.  
PR 15-SEP-1999; 98WO-US021547.  
PR 05-OCT-1999; 98WO-US023089.  
PR 29-NOV-1999; 98WO-US028214.  
PR 30-NOV-1999; 98WO-US028313.  
PR 30-NOV-1999; 98WO-US028409.  
PR 01-DEC-1999; 98WO-US028301.  
PR 01-DEC-1999; 98WO-US028634.  
PR 02-DEC-1999; 98WO-US028551.  
PR 02-DEC-1999; 98WO-US028564.  
PR 16-DEC-1999; 98WO-US028565.  
PR 20-DEC-1999; 98WO-US030095.  
PR 20-DEC-1999; 98WO-US030911.  
PR 22-DEC-1999; 98WO-US030999.  
PR 30-DEC-1999; 98WO-US031243.  
PR 30-DEC-1999; 98WO-US031374.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US013705.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.

PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796438.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006566.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.

(GSH ) GENENTECH INC.

Baker KP, Seresini M, Deforge L, Desnoyers L, Pilvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI: 2003-540684/51.  
N-PSDB; ADA76876.

New secreted and transmembrane nucleic acids and polypeptides, designated as PRO, useful for treating inflammation, organ failure, atherosclerosis, cardiac injury, infertility, birth defects, premature aging, AIDS, or cancer.

Claim 12; Fig 272; 660pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems, PRO  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis, PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIMVRLTGLPPLLLLTALAGSGCTASAAEDSVLGDYASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSIMVRLTGLPPLLLLTALAGSGCTASAAEDSVLGDYASCHRAQOLTYPLHT 60  
QY 61 YPKREELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKREELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPPAELRQQLMSLAPKMLLPPLTLVRSFSDMDMSAQSFITSSWTYLOADDGKIYIF 180  
DB 121 LPPAELRQQLMSLAPKMLLPPLTLVRSFSDMDMSAQSFITSSWTYLOADDGKIYIF 180  
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLTCCATVATVEQYVPSKLSIYGLDLEPMNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLTCCATVATVEQYVPSKLSIYGLDLEPMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEAGPIPTKVNLAHSEI 323  
DB 301 SKTEDHEAGPIPTKVNLAHSEI 323

RESULT 79

ADA88507

ID ADA88507 standard; protein; 323 AA.

AC ADA88507;

DT 20-NOV-2003 (first entry)

DE Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO;

XX Tumour necrosis factor alpha release; TNF-alpha release;

XX Glucose uptake modulator; FFA uptake modulator;

XX cell proliferation stimulator; cell differentiation stimulator;

XX cell differentiation inhibitor; cytokine release stimulator; tumour;

XX lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;

XX cervical tumour; liver tumour; chromosome mapping; gene mapping;

XX Gene therapy; chromosome identification; chromosome marker.

OS Homo sapiens.

PN US2003073213-A1.

XX 17-APR-2003.

PD 17-APR-2002; 2002US-00124819.

PR 31-MAR-1997; 97WO-US005230.

PR 12-JUN-1998; 98WO-US012456.

PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.

PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.



PR 14-SEP-1998; 98WO-US019094.  
PR 14-SEP-1998; 98WO-US019177.  
PR 16-SEP-1998; 98WO-US019330.  
PR 17-SEP-1998; 98WO-US019437.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022991.  
PR 29-OCT-1998; 98WO-US022992.  
PR 20-NOV-1998; 98WO-US025108.  
PR 01-DEC-1998; 98WO-US024855.  
PR 05-JAN-1999; 98WO-US000106.  
PR 08-MAR-1999; 98WO-US005028.  
PR 10-MAR-1999; 98WO-US005190.  
PR 20-APR-1999; 98WO-US008615.  
PR 14-MAY-1999; 98WO-US010733.  
PR 02-JUN-1999; 98WO-US012252.  
PR 01-SEP-1999; 98WO-US020111.  
PR 08-SEP-1999; 98WO-US020944.  
PR 13-SEP-1999; 98WO-US021090.  
PR 15-SEP-1999; 98WO-US021547.  
PR 05-OCT-1999; 98WO-US023089.  
PR 29-NOV-1999; 98WO-US028214.  
PR 30-NOV-1999; 98WO-US028313.  
PR 30-NOV-1999; 98WO-US028409.  
PR 01-DEC-1999; 98WO-US028301.  
PR 01-DEC-1999; 98WO-US028634.  
PR 02-DEC-1999; 98WO-US028551.  
PR 02-DEC-1999; 98WO-US028564.  
PR 02-DEC-1999; 98WO-US028565.  
PR 16-DEC-1999; 98WO-US030095.  
PR 20-DEC-1999; 98WO-US030911.  
PR 20-DEC-1999; 98WO-US030999.  
PR 22-DEC-1999; 98WO-US030720.  
PR 30-DEC-1999; 98WO-US031243.  
PR 30-DEC-1999; 98WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUN-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023532.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 01-MAR-2001; 2001WO-US006520.  
PR 09-MAR-2001; 2001WO-US006666.  
PR 14-MAR-2001; 2001US-00802706.  
PR 22-MAR-2001; 2001US-00808689.  
PR 05-APR-2001; 2001US-00816744.  
PR 10-MAY-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.

PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 08-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
XX  
XX  
PA (GETH ) GENENTECH INC.

PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI: 2003-743816/70.  
DR N-PSDB; ADA85506.

XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
PT in gene therapy, detecting the presence of tumor in a mammal, or  
PT modulating the uptake of glucose or free fatty acid by skeletal muscle  
PT cells or adipocyte cells.

PS Claim 12; Fig 272; 659pp; English.

XX The invention describes 305 nucleic acids encoding PRO (secreted and  
CC transmembrane) polypeptides (I). (I) is useful for stimulating the  
CC release of TNF-alpha from human blood, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating the proliferation or differentiation of chondrocyte cells,  
CC for stimulating the proliferation of or gene expression in pericyte  
CC cells, for stimulating the release of proteoglycans from cartilage, for  
CC stimulating the proliferation of inner ear utricular supporting cells,  
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating  
CC the release of a cytokine from BMC cells, for inhibiting the binding of  
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
CC cells, for stimulating proliferation of endothelial cells, for detecting  
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,  
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
CC are useful for isolating genomic and cDNA nucleotide sequences or  
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
CC in assays to identify other proteins or molecules involved in binding  
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
CC and gene mapping, in generation of antisense RNA and DNA, in the  
CC preparation of PRO polypeptide, for generating transgenic animals or  
CC knockout animals which in turn are useful in the development and  
CC screening of therapeutically useful reagents, in gene therapy, for  
CC chromosome identification, as chromosome marker, and for generating  
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
CC detecting its expression in specific cells, tissues or serum, and for  
CC affinity purification of PRO from recombinant cell culture or natural  
CC sources. (I) and (II) are useful for tissue typing. This is the amino  
CC acid sequence of a novel human secreted and transmembrane PRO  
XX polypeptide.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 DB 1 MAAPKSLWVTRQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
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 DB 61 YPKBEELVACQRCGLFSLFCQFVDDGIDLNRTKLCEASCTEAYSQSDQYACHLGCQ 120  
 QY 121 LPFAELRQQLMSLMPKXHLPLFLTVRSFWSMDMSAQSPITSSWTFYLQADGKIVIP 180  
 DB 121 LPFAELRQQLMSLMPKXHLPLFLTVRSFWSMDMSAQSPITSSWTFYLQADGKIVIP 180  
 QY 181 QSKPEIQYAPHLEOEPTNLRESLSKMSYLQWNSQAHNFLEDGESDGLRCLSLNSGW 240  
 DB 181 QSKPEIQYAPHLEOEPTNLRESLSKMSYLQWNSQAHNFLEDGESDGLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVMVLLWITCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
 DB 241 ILTTTLVLSVMVLLWITCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
 QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 RESULT 80  
 ADA97512  
 ID ADA97512 standard; protein; 323 AA.  
 AC ADA97512;  
 DT 20-NOV-2003 (first entry)  
 XX Human PRO polypeptide #136.  
 DE Human; PRO; secreted polypeptide; transmembrane polypeptide;  
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
 KW liver; microvascular endothelial cell; glucose; FFA;  
 KW skeletal muscle cell; adipocyte cell; pericyte cell;  
 KW inner ear utricular supporting cell; T-lymphocyte cell;  
 KW endothelial cell tube formation; bone disorder; cartilage disorder;  
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
 KW immune system cell infiltration.  
 XX Homo sapiens.  
 CS US2003082686-A1.  
 XX 01-MAY-2003.  
 XX 19-APR-2002; 2002US-00125926.  
 XX 05-JUN-2000; 2000US-0209832P.  
 XX 01-DEC-2000; 2000WO-US032678.  
 XX 19-DEC-2001; 2001US-00028072.  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 XX WPI; 2003-755106/71.  
 XX N-PSDB; ADA97511.  
 XX Isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or  
 PT PRO4978, useful in molecular biology, chromosome and gene mapping, in  
 PT generating antisense RNA and DNA, and in gene therapy.  
 XX Claim 12; Fig 272; 666pp; English.

CC The invention relates to isolated human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the polynucleotides encoding them. The  
 CC invention also relates to an antibody which specifically binds to a PRO  
 CC polypeptide, a method for stimulating the release of tumour necrosis  
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 CC proliferation or differentiation of chondrocyte cells and a method for  
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 CC polynucleotides are useful in molecular biology, including uses as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 CC be used in preparing PRO polypeptides by recombinant techniques and in  
 CC generating either transgenic animals or knock-out animals which are  
 CC useful in the development and screening of therapeutically useful  
 CC reagents. The PRO polypeptides or antibodies are used in preparing a  
 CC medicament for treating a condition responsive to the polypeptides or  
 CC antibodies, such as tumours, for stimulating and inhibiting the proliferation  
 CC of human microvascular endothelial cells, for modulating the uptake of  
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating differentiation of adipocyte cells, for stimulating  
 CC proliferation of or gene expression in pericyte cells, for stimulating  
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 CC cells, for inducing endothelial cell tube formation and for treating  
 CC various bone and/or cartilage disorders such as sports injuries and  
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 CC from cartilage are useful for treating sports-related joint problems.  
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 CC polypeptides are also useful for treating various mammalian haemoglobin-  
 CC associated disorders such as various thalassaemias and conditions which  
 CC may benefit from enhanced local immune system cell infiltration. This  
 CC sequence represents a human PRO polypeptide of the invention. Note: The  
 CC sequence data for this patent is also available in electronic format from  
 CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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 DB 1 MAAPKSLWVTRQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
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 DB 121 LPFAELRQQLMSLMPKXHLPLFLTVRSFWSMDMSAQSPITSSWTFYLQADGKIVIP 180  
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 DB 181 QSKPEIQYAPHLEOEPTNLRESLSKMSYLQWNSQAHNFLEDGESDGLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVMVLLWITCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
 DB 241 ILTTTLVLSVMVLLWITCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
 QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 81

ADB27269

ID ADB27269 standard; protein; 323 AA.

AC ADB27269;

DT 20-NOV-2003 (first entry)

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PR 16-SEP-1998; 98WO-US019330.
PR 17-SEP-1998; 98US-0100710P.
PR 17-SEP-1998; 98US-0100858P.
PR 17-SEP-1998; 98WO-US019437.
PR 23-SEP-1998; 98US-0101474P.
PR 23-SEP-1998; 98US-0101477P.
PR 24-SEP-1998; 98US-0101741P.
PR 07-OCT-1998; 98US-0103315P.
PR 07-OCT-1998; 98US-0103328P.
PR 07-OCT-1998; 98WO-US021141.
PR 13-OCT-1998; 98US-0104080P.
PR 20-OCT-1998; 98US-0104987P.
PR 22-OCT-1998; 98US-0105169P.
PR 28-OCT-1998; 98US-0106030P.
PR 29-OCT-1998; 98WO-US022951.
PR 29-OCT-1998; 98US-0106464P.
PR 03-NOV-1998; 98US-0106856P.
PR 03-NOV-1998; 98US-0106934P.
PR 10-NOV-1998; 98US-0107783P.
PR 17-NOV-1998; 98US-0108775P.
PR 17-NOV-1998; 98US-0108801P.
PR 17-NOV-1998; 98US-0108802P.
PR 17-NOV-1998; 98US-0108925P.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 01-DEC-1998; 98WO-US025108.
PR 15-DEC-1998; 98US-0112743P.
PR 16-DEC-1998; 98US-0112830P.
PR 22-DEC-1998; 98US-0113296P.
PR 22-DEC-1998; 98US-0113299P.
PR 22-DEC-1998; 98US-0113300P.
PR 22-DEC-1998; 98US-0113313P.
PR 22-DEC-1998; 98US-0113314P.
PR 22-DEC-1998; 98US-0113315P.
PR 22-DEC-1998; 98US-0113510P.
PR 22-DEC-1998; 98US-0113511P.
PR 23-DEC-1998; 98US-0113605P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 98WO-US000106.
PR 12-JAN-1999; 98US-0115549P.
PR 12-JAN-1999; 98US-0115557P.
PR 12-JAN-1999; 98US-0115560P.
PR 12-JAN-1999; 98US-0115562P.
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PR 12-JAN-1999; 98US-0115733P.

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5 5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 82  
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ID ADB22202 standard; protein; 323 AA.  
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AC ADB22202;  
XX  
DT 20-NOV-2003 (first entry)  
XX  
DE Novel human secreted and transmembrane protein PRO195.  
XX  
KW Human; secreted and transmembrane protein; PRO;  
KW Tumour necrosis factor alpha release; TNF-alpha release;  
KW Glucose uptake modulator; FFA uptake modulator;  
KW cell proliferation stimulator; cell differentiation stimulator;  
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
KW gene therapy; chromosome identification; chromosome marker.  
XX  
OS Homo sapiens.  
XX  
PN US2003087344-A1.  
XX  
PD 08-MAY-2003.  
XX  
PP 16-APR-2002; 2002US-00123905.  
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PR 18-JUN-1997; 97US-0049911P.  
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PR 17-SEP-1997; 97US-0059113P.  
PR 17-SEP-1997; 97US-0059115P.  
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PR 17-SEP-1997; 97US-0059122P.  
PR 17-SEP-1997; 97US-0059184P.  
PR 18-SEP-1997; 97US-0059263P.  
PR 18-SEP-1997; 97US-0059352P.  
PR 19-SEP-1997; 97US-0059588P.  
PR 24-SEP-1997; 97US-0059816P.  
PR 17-OCT-1997; 97US-0062250P.  
PR 17-OCT-1997; 97US-0062285P.  
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PR 29-OCT-1997; 97US-0063733P.  
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PR 29-OCT-1997; 97US-0063738P.  
PR 03-NOV-1997; 97US-0064248P.  
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PR 23-JAN-1998; 98US-0072320P.

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PR	13-MAY-1998;	98US-00853338P.	PR	16-SEP-1998;	98US-01006344P.
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Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5,5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy	61	YPKEELIACQRCRLFSICQFVDDGIDLNRKYLECESACTEAYSQSDQYACHLGCQNO	120
Db	61	YPKEELIACQRCRLFSICQFVDDGIDLNRKYLECESACTEAYSQSDQYACHLGCQNO	120

Qy 121 LPFAELRQEQGLMSLPMKPHLLPPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADGKIVIP 180  
Db 121 LPFAELRQEQGLMSLPMKPHLLPPLTLVRSFWSMDMDSAQSFITSSWTFFYLQADGKIVIP 180  
Qy 181 QSKPEIQAYAPHLQEBPTNLBSSLSQMSYLOWNSQAHNFLEDESGDFLCLSLNSGW 240  
Db 181 QSKPEIQAYAPHLQEBPTNLBSSLSQMSYLOWNSQAHNFLEDESGDFLCLSLNSGW 240  
Qy 241 ILTTLVLVSWLLWICCATVATVAVQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTLVLVSWLLWICCATVATVAVQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTDEHEEAGPLTKVNLASHSI 323  
Db 301 SKTDEHEEAGPLTKVNLASHSI 323  
RESULT 83  
ADA66893  
ID ADA66893 standard; protein; 323 AA.  
XX  
AC ADA66893;  
DT 20-NOV-2003 (first entry)  
XX  
DE Human PRO polypeptide #136.  
XX  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX  
OS Homo sapiens.  
XX  
XX  
PN US2003068793-A1.  
XX  
PD 10-APR-2003.  
XX  
PF 15-APR-2002; 2002US-00123108.  
XX  
PR 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 14-SEP-1998; 98WO-US019177.  
PR 16-SEP-1998; 98WO-US019330.  
PR 17-SEP-1998; 98WO-US019437.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022991.  
PR 29-OCT-1998; 98WO-US022992.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 98WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 20-APR-1999; 99WO-US008615.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 01-SEP-1999; 99WO-US020111.  
PR 08-SEP-1999; 99WO-US020594.  
PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 05-OCT-1999; 99WO-US023089.  
PR 29-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 01-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 10-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US008884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006566.  
PR 09-MAR-2001; 2001US-00803706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00815744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH ) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI: 2003-695925/66.

XX N-PSDB; ADA66892.

XX Novel secreted and transmembrane PRO polypeptides useful for stimulating

XX release of tumor necrosis factor-alpha from human blood and detecting the

XX presence of a tumor in a mammal.

XX Claim 12; Fig 272; 660pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

XX transmembrane polypeptides) and the polynucleotides encoding them. The

XX invention also relates to an antibody which specifically binds to a PRO

XX polypeptide, a method for stimulating the release of tumor necrosis

XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the

XX proliferation or differentiation of chondrocyte cells and a method for

XX detecting the presence of a tumor in a mammal (e.g. adrenal, lung,

XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

XX polynucleotides are useful in molecular biology, including uses as

XX hybridisation probes, in chromosome and gene mapping, in generating

XX antisense RNA and DNA and in gene therapy. The polynucleotides may also

XX be used in preparing PRO polypeptides by recombinant techniques and in

XX generating either transgenic animals or knock-out animals which are

XX useful in the development and screening of therapeutically useful

XX reagents. The PRO polypeptides or antibodies are used in preparing a

XX medicament for treating a condition responsive to the polypeptides or

XX antibodies, such as tumours, for stimulating and inhibiting proliferation

XX of human microvascular endothelial cells, for modulating the uptake of

XX glucose or FFA by skeletal muscle cells or adipocyte cells, for

XX stimulating differentiation of adipocyte cells, for stimulating

XX proliferation of or gene expression in pericyte cells, for stimulating

XX the proliferation of inner ear utricular supporting cells or T-lymphocyte

XX cells, for inducing endothelial cell tube formation and for treating

XX various bone and/or cartilage disorders such as sports injuries and

XX arthritis. PRO polypeptides which stimulate the release of proteoglycans

XX from cartilage are useful for treating sports-related joint problems,

XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

XX polypeptides are also useful for treating various mammalian haemoglobin-

XX associated disorders such as various thalassaemias and conditions which

XX may benefit from enhanced local immune system cell infiltration. This

XX sequence represents a human PRO polypeptide of the invention. Note: The

XX sequence data for this patent is also available in electronic format from

XX USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

XX Query Match 100.0%; Score 1694; DB 7; Length 323;

XX Best Local Similarity 100.0%; Pred. No. 5.5e-167;

XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

XX 1 MAAPKGSUWVATQGLPPLLLTALAGGSGTASAFDSVLGDTASCHRAQCLTYPLET 60

XX 1 MAAPKGSUWVATQGLPPLLLTALAGGSGTASAFDSVLGDTASCHRAQCLTYPLET 60

XX 61 YPKSEELVACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNG 120

XX 61 YPKSEELVACQRCGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNG 120

XX 121 LPFAELRQQLMSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLDAGDKIVIF 180

XX 121 LPFAELRQQLMSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLDAGDKIVIF 180

XX 181 QSKPEIQVAPHLEQPTNRLRESSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGN 240

XX 181 QSKPEIQVAPHLEQPTNRLRESSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGN 240

XX 241 ILTTVLVSNVLLWICCATVATAVEQVPSKLSIYGDLEFNNQKLNRYPASSLVVVR 300

XX DB 241 ILTTVLVSNVLLWICCATVATAVEQVPSKLSIYGDLEFNNQKLNRYPASSLVVVR 300

XX QY 301 SXTEDHEERAGPLPTKVNLAHSEI 323

XX DB 301 SXTEDHEERAGPLPTKVNLAHSEI 323

XX RESULT 84

XX ADB22754

XX ID ADB22754 standard; protein; 323 AA.

XX AC ADB22754;

XX DT 20-NOV-2003 (first entry)

XX DE Human PRO polypeptide #136.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX KW liver; microvascular endothelial cell; glucose; FFA;

XX KW skeletal muscle cell; adipocyte cell; pericyte cell;

XX KW inner ear utricular supporting cell; T-lymphocyte cell;

XX KW endothelial cell tube formation; bone disorder; cartilage disorder;

XX KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX KW immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003077711-A1.

XX PD 24-APR-2003.

XX PP 22-APR-2002; 2002US-00127829.

XX PR 22-OCT-1998; 98US-0105169P.

XX PR 01-SEP-1999; 99WO-US020111.

XX PR 18-OCT-1999; 99US-00403297.

XX PR 30-NOV-1999; 99WO-US028313.

XX PR 18-FEB-2000; 2000WO-US004342.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX (GETH ) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI: 2003-755066/71.

XX N-PSDB; ADB22753.

XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful

XX in gene therapy, as diagnostic markers for the presence of a disease

XX condition, or as therapeutic targets for treating tumors, diabetes,

XX obesity or arthritis.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

XX transmembrane polypeptides) and the polynucleotides encoding them. The

XX invention also relates to an antibody which specifically binds to a PRO

XX polypeptide, a method for stimulating the release of tumor necrosis

XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the

XX proliferation or differentiation of chondrocyte cells and a method for

XX detecting the presence of a tumor in a mammal (e.g. adrenal, lung,

XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

XX polynucleotides are useful in molecular biology, including uses as

XX hybridisation probes, in chromosome and gene mapping, in generating

XX antisense RNA and DNA and in gene therapy. The polynucleotides may also

XX be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRLTGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKSLWVRLTGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKKEELYACQRCFLFSICQFVDDGIDLNRKLCESACTRAYSQSDQEQYACHLGCQ 120  
DB 61 YPKKEELYACQRCFLFSICQFVDDGIDLNRKLCESACTRAYSQSDQEQYACHLGCQ 120

QY 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180  
DB 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180

QY 181 QSKPEIQYAPHLQEPNTLRRESSLSKMSYLQWNSQAHNFLEDCESDGLFCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQEPNTLRRESSLSKMSYLQWNSQAHNFLEDCESDGLFCLSLNSGW 240

QY 241 ILTTTLVLSVWLLWTCATVATVAYQYVPSEKLSYIGOLEFNNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLWTCATVATVAYQYVPSEKLSYIGOLEFNNQKLNRYPASSLVVVR 300

QY 301 SKTEDEHEAGPLTKVNLHSEI 323  
DB 301 SKTEDEHEAGPLTKVNLHSEI 323

RESULT 85

ADB23527

ID ADB23527 standard; protein; 323 AA.

XX ADB23527;

XX ADB23527;

XX 20-NOV-2003 (first entry)

DE Human PRO polypeptide SEQ ID NO 272.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX liver; microvascular endothelial cell; glucose; FFA;

XX skeletal muscle cell; adipocyte cell; pericyte cell;

XX inner ear utricular supporting cell; T-lymphocyte cell;

XX endothelial cell tube formation; bone disorder; cartilage disorder;

XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX immune system cell infiltration.

XX Homo sapiens.  
XX US2003077712-A1.  
XX 24-APR-2003.  
XX 22-APR-2002; 2002US-00127835.  
XX 20-OCT-1998; 98US-0104987P.  
XX 01-SEP-1999; 99WO-US020111.  
XX 18-OCT-1999; 99US-00403297.  
XX 18-FEB-2000; 2000WO-US004342.  
XX 01-DEC-2000; 2000WO-US032678.  
XX 19-DEC-2001; 2001US-00028072.  
XX (GENTH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
XX Gerritsen MB, Goddard A, Godowski PU, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX MPI; 2003-755067/71.  
XX N-PSDB; ADB23526.

New isolated, secreted and transmembrane PRO nucleic acid, useful for the  
diagnosis, prevention and/or treatment of tumors, such as lung, colon,  
breast, prostate, rectal, cervical and/or liver tumors.

Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and  
transmembrane polypeptides) and the polynucleotides encoding them. The  
invention also relates to an antibody which specifically binds to a PRO  
polypeptide, a method for stimulating the release of tumour necrosis  
factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
proliferation or differentiation of chondrocyte cells and a method for  
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
polynucleotides are useful in molecular biology, including uses as  
hybridisation probes, in chromosome and gene mapping, in generating  
antisense RNA and DNA and in gene therapy. The polynucleotides may also  
be used in preparing PRO polypeptides by recombinant techniques and in  
generating either transgenic animals or knock-out animals which are  
useful in the development and screening of therapeutically useful  
reagents. The PRO polypeptides or antibodies are used in preparing a  
medicament for treating a condition responsive to the polypeptides or  
antibodies, such as tumours, for stimulating and inhibiting proliferation  
of human microvascular endothelial cells, for modulating the uptake of  
glucose or FFA by skeletal muscle cells or adipocyte cells, for  
stimulating differentiation of adipocyte cells, for stimulating  
proliferation of or gene expression in pericyte cells, for stimulating  
the proliferation of inner ear utricular supporting cells or T-lymphocyte  
cells, for inducing endothelial cell tube formation and for treating  
various bone and/or cartilage disorders such as sports injuries and  
arthritis. PRO polypeptides which stimulate the release of proteoglycans  
from cartilage are useful for treating sports-related joint problems,  
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
polypeptides are also useful for treating various mammalian haemoglobin-  
associated disorders such as various thalassaemias and conditions which  
may benefit from enhanced local immune system cell infiltration. This  
sequence represents a human PRO polypeptide of the invention. Note: The  
sequence data for this patent is also available in electronic format from  
USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRLTGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
|||||



Db 1 MAAPKGLWVRVLTQLGLPPLILLITWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 QY 61 YKPEELVACQGCCLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGQCNQ 120  
 Db 61 YKPEELVACQGCCLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGQCNQ 120  
 QY 121 LPFAELRQELMSLMPKMHLLFPPLTLVRSFSDWMDSAQSFTTSWTFYLQADGKIVIF 180  
 Db 121 LPFAELRQELMSLMPKMHLLFPPLTLVRSFSDWMDSAQSFTTSWTFYLQADGKIVIF 180  
 QY 181 QSKPEIQVAPHLEQEPNLRSSLSKMSYLOQRNSQAHNFLEBGSDFGLRCLSLNSGW 240  
 Db 181 QSKPEIQVAPHLEQEPNLRSSLSKMSYLOQRNSQAHNFLEBGSDFGLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLLVVR 300  
 Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLLVVR 300  
 QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

## RESULT 86

ADA92249  
 ID ADA92249 standard; protein; 323 AA.

XX  
 AC ADA92249;

DT 20-NOV-2003 (first entry)

XX  
 DE Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO;  
 KW Tumour necrosis factor alpha release; TNF-alpha release;  
 KW glucose uptake modulator; FFA uptake modulator;  
 KW cell proliferation stimulator; cell differentiation stimulator;  
 KW cell differentiation inhibitor; cytokine release stimulator; tumour;  
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
 KW gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.

OS US2003082712-A1.

XX 01-MAY-2003.

XX 16-MAY-2002; 2002US-00147512.

XX 15-MAY-1998; 98US-0085697P.

PR 08-MAR-1999; 99WO-US005028.

PR 25-AUG-1999; 99US-00380138.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH ) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski EJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-786915/74.

XX N-PSDB; ADA92248.

XX New PRO nucleic acid, useful for preparing a composition for treating  
 PT e.g., tumor or for tissue typing.

XX Claim 12; Fig 272; 637pp; English.

XX The invention describes 305 nucleic acids encoding PRO (secreted and  
 CC transmembrane) polypeptides (I). (I) is useful for stimulating the  
 CC release of TNF-alpha from human blood, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating the proliferation or differentiation of chondrocyte cells,  
 CC for stimulating the proliferation of or gene expression in pericyte  
 CC cells, for stimulating the release of proteoglycans from cartilage, for  
 CC stimulating the proliferation of inner ear utricular supporting cells,  
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating  
 CC the release of a cytokine from PMBC cells, for inhibiting the binding of  
 CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
 CC cells, for stimulating proliferation of endothelial cells, for detecting  
 CC the presence of tumour in a mammal. The tumour is lung, colon, breast,  
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
 CC are useful for isolating genomic and cDNA nucleotide sequences or  
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
 CC in assays to identify other proteins or molecules involved in binding  
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
 CC and gene mapping. In generation of antisense RNA and DNA, in the  
 CC preparation of PRO polypeptide, for generating transgenic animals or  
 CC knockout animals which in turn are useful in the development and  
 CC screening of therapeutically useful reagents, in gene therapy, for  
 CC chromosome identification, as chromosome marker, and for generating  
 CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
 CC detecting its expression in specific cells, tissues or serum, and for  
 CC affinity purification of PRO from recombinant cell culture or natural  
 CC sources (I) and (II) are useful for tissue typing. This is the amino  
 CC acid sequence of a novel human secreted and transmembrane PRO  
 CC polypeptide.

XX Sequence 323 AA;

XX Query Match 100.0%; Score 1694; DB 7; Length 323;

XX Best Local Similarity 100.0%; Pred. No. 5.5e-167;

XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRVLTQLGLPPLILLITWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 Db 1 MAAPKGLWVRVLTQLGLPPLILLITWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 QY 61 YKPEELVACQGCCLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGQCNQ 120  
 Db 61 YKPEELVACQGCCLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGQCNQ 120  
 QY 121 LPFAELRQELMSLMPKMHLLFPPLTLVRSFSDWMDSAQSFTTSWTFYLQADGKIVIF 180  
 Db 121 LPFAELRQELMSLMPKMHLLFPPLTLVRSFSDWMDSAQSFTTSWTFYLQADGKIVIF 180  
 QY 181 QSKPEIQVAPHLEQEPNLRSSLSKMSYLOQRNSQAHNFLEBGSDFGLRCLSLNSGW 240  
 Db 181 QSKPEIQVAPHLEQEPNLRSSLSKMSYLOQRNSQAHNFLEBGSDFGLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLLVVR 300  
 Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLLVVR 300  
 QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

## RESULT 87

ADA915312

ID ADA915312 standard; protein; 323 AA.

XX ADB15312;

XX 20-NOV-2003 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;  
 KW endothelial cell tube formation; bone disorder; cartilage disorder;  
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
 KW immune system cell infiltration.

OS Homo sapiens.

PN US2003087352-A1.

XX 08-MAY-2003.

XX 22-APR-2002; 2002US-00127824.

XX 17-AUG-1998; 98US-0096891P.

PR 02-JUN-1999; 99WO-US012252.

PR 25-AUG-1999; 99US-00380137.

PR 30-MAR-2000; 2000WO-US008439.

PR 30-MAY-2000; 2000WO-US014941.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH ) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-786943/74.

XX N-PSDB; ADB15311.

XX New PRO nucleic acid, useful for producing a recombinant PRO polypeptide  
 and for manufacturing a medicament for diagnosing or treating tumor.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and  
 transmembrane polypeptides) and the polynucleotides encoding them. The  
 invention also relates to an antibody which specifically binds to a PRO  
 polypeptide, a method for stimulating the release of tumor necrosis  
 factor- $\alpha$  (TNF- $\alpha$ ) from human blood, a method for stimulating the  
 proliferation or differentiation of chondrocyte cells and a method for  
 detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 polynucleotides are useful in molecular biology, including uses as  
 hybridisation probes, in chromosome and gene mapping, in generating  
 antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 be used in preparing PRO polypeptides by recombinant techniques and in  
 generating either transgenic animals or knock-out animals which are  
 useful in the development and screening of therapeutically useful  
 reagents. The PRO polypeptides or antibodies are used in preparing a  
 medicament for treating a condition responsive to the polypeptides or  
 antibodies, such as tumours, for stimulating and inhibiting proliferation  
 of human microvascular endothelial cells, for modulating the uptake of  
 glucose or PFA by skeletal muscle cells or adipocyte cells, for  
 stimulating differentiation of adipocyte cells, for stimulating  
 proliferation of or gene expression in pericyte cells, for stimulating  
 the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 cells, for inducing endothelial cell tube formation and for treating  
 various bone and/or cartilage disorders such as sports injuries and  
 arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 from cartilage are useful for treating sports-related joint problems,  
 articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 polypeptides are also useful for treating various mammalian haemoglobin-  
 associated disorders such as various thalassaemias and conditions which  
 may benefit from enhanced local immune system cell infiltration. This  
 sequence represents a human PRO polypeptide of the invention. Note: The  
 sequence data for this patent is also available in electronic format from  
 USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

Query Match

100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 MAAPKGSIAVTRTQGLPPLILLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 Db 1 MAAPKGSIAVTRTQGLPPLILLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 Qy 61 YPKKEELIYACQRCRLFSICQFVDDGIDILNRTKLECESACTEAYSQSDROYACHILGCQHQ 120  
 Db 61 YPKKEELIYACQRCRLFSICQFVDDGIDILNRTKLECESACTEAYSQSDROYACHILGCQHQ 120  
 Qy 121 LPFAELROEQLMSLMPKMLLPPLTLVRSFWSQDMDSAQSFITSSWTFYLOADDGKIVIF 180  
 Db 121 LPFAELROEQLMSLMPKMLLPPLTLVRSFWSQDMDSAQSFITSSWTFYLOADDGKIVIF 180  
 Qy 181 QSKPEIQYAPHLRQPTNLRRESLSKQSYLQWRNSQAHNFLEDGESDGFCLCLNSQW 240  
 Db 181 QSKPEIQYAPHLRQPTNLRRESLSKQSYLQWRNSQAHNFLEDGESDGFCLCLNSQW 240  
 Qy 241 ILTTTLVLSVMVLMICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYFASISLVVVR 300  
 Db 241 ILTTTLVLSVMVLMICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYFASISLVVVR 300  
 Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 88

ADB38564

ID ADB38564 standard; protein; 323 AA.

XX ADB38564;

XX 04-DEC-2003 (first entry)

XX Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO;  
 KW Tumour necrosis factor alpha release; TNF-alpha release;  
 KW Glucose uptake modulator; PFA uptake modulator;  
 KW cell proliferation stimulator; cell differentiation stimulator;  
 KW cell differentiation inhibitor; cytokine release stimulator;  
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
 KW gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.

XX OS US2003082766-A1.

XX 01-MAY-2003.

XX 30-MAY-2002; 2002US-00158782.

XX 31-MAR-1997; 97WO-US005230.

PR 12-JUN-1998; 98WO-US012456.

PR 14-JUL-1998; 98WO-US014552.

PR 28-AUG-1998; 98WO-US017888.

PR 10-SEP-1998; 98WO-US018824.

PR 14-SEP-1998; 98WO-US019093.

PR 14-SEP-1998; 98WO-US019094.

PR 16-SEP-1998; 98WO-US019177.

PR 17-SEP-1998; 98WO-US019437.

PR 07-OCT-1998; 98WO-US021141.

PR 29-OCT-1998; 98WO-US022991.

PR 20-NOV-1998; 98WO-US024855.

PR 01-DEC-1998; 98WO-US025108.

PR 05-JAN-1999; 99WO-US000106.

PR 08-MAR-1999; 99WO-US005028.

PR 10-MAR-1999; 99WO-US005190.

PR 20-APR-1999; 99WO-US008615.  
 PR 14-MAY-1999; 99WO-US010733.  
 PR 02-JUN-1999; 99WO-US012252.  
 PR 01-SEP-1999; 99WO-US020111.  
 PR 08-SEP-1999; 99WO-US020594.  
 PR 13-SEP-1999; 99WO-US020944.  
 PR 15-SEP-1999; 99WO-US021090.  
 PR 15-SEP-1999; 99WO-US021547.  
 PR 05-OCT-1999; 99WO-US023089.  
 PR 29-NOV-1999; 99WO-US028214.  
 PR 30-NOV-1999; 99WO-US028313.  
 PR 01-DEC-1999; 99WO-US028409.  
 PR 01-DEC-1999; 99WO-US028301.  
 PR 01-DEC-1999; 99WO-US028634.  
 PR 02-DEC-1999; 99WO-US028551.  
 PR 02-DEC-1999; 99WO-US028564.  
 PR 16-DEC-1999; 99WO-US028565.  
 PR 16-DEC-1999; 99WO-US030095.  
 PR 20-DEC-1999; 99WO-US030911.  
 PR 20-DEC-1999; 99WO-US030999.  
 PR 22-DEC-1999; 99WO-US030720.  
 PR 30-DEC-1999; 99WO-US031243.  
 PR 30-DEC-1999; 99WO-US031274.  
 PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 11-FEB-2000; 2000WO-US000376.  
 PR 18-FEB-2000; 2000WO-US003565.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 22-FEB-2000; 2000WO-US004342.  
 PR 24-FEB-2000; 2000WO-US004414.  
 PR 24-FEB-2000; 2000WO-US004914.  
 PR 24-FEB-2000; 2000WO-US005004.  
 PR 01-MAR-2000; 2000WO-US005601.  
 PR 02-MAR-2000; 2000WO-US005746.  
 PR 10-MAR-2000; 2000WO-US005841.  
 PR 10-MAR-2000; 2000WO-US005819.  
 PR 15-MAR-2000; 2000WO-US006884.  
 PR 20-MAR-2000; 2000WO-US007377.  
 PR 21-MAR-2000; 2000WO-US007532.  
 PR 30-MAR-2000; 2000WO-US008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 11-AUG-2000; 2000WO-US022031.  
 PR 23-AUG-2000; 2000WO-US023522.  
 PR 08-NOV-2000; 2000WO-US030952.  
 PR 10-NOV-2000; 2000WO-US030873.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000US-00742259.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001US-00796498.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 01-MAR-2001; 2001WO-US006686.  
 PR 09-MAR-2001; 2001US-00802706.  
 PR 14-MAR-2001; 2001US-00808689.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 05-APR-2001; 2001US-00828366.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 18-MAY-2001; 2001US-00860216.  
 PR 25-MAY-2001; 2001US-00866028.  
 PR 25-MAY-2001; 2001US-00866034.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 05-JUN-2001; 2001US-00874503.  
 PR 14-JUN-2001; 2001US-00882636.  
 PR 19-JUN-2001; 2001US-00886342.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 21-JUN-2001; 2001US-00887879.

PR 22-JUN-2001; 2001WO-US020116.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 18-JUL-2001; 2001US-00908827.  
 PR 06-AUG-2001; 2001US-00924419.  
 PR 09-AUG-2001; 2001US-00927796.  
 PR 16-AUG-2001; 2001US-00931836.  
 PR 19-DEC-2001; 2001US-00028072.  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 PI Geritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 XX WPI; 2003-786921/74.  
 DR N-PSDB; ADB38563.  
 XX  
 XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
 PT in gene therapy, detecting the presence of tumor in a mammal, or  
 PT modulating the uptake of glucose or free fatty acid by skeletal muscle  
 PT cells or adipocyte cells.  
 PT  
 XX Claim 12; Fig 272; 660pp; English.  
 XX  
 CC The invention describes 305 nucleic acids encoding PRO (secreted and  
 CC transmembrane) polypeptides (I). (I) is useful for stimulating the  
 CC release of TNF-alpha from human blood, for modulating the uptake of  
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating the proliferation or differentiation of chondrocyte cells,  
 CC for stimulating the proliferation of or gene expression in pericyte  
 CC cells, for stimulating the release of proteoglycans from cartilage, for  
 CC stimulating the proliferation of inner ear utricular supporting cells,  
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating  
 CC the release of a cytokine from PWM cells, for inhibiting the binding of  
 CC A-peptide to factor VIIa, for inhibiting the differentiation of adipocyte  
 CC cells, for stimulating proliferation of endothelial cells, for detecting  
 CC the presence of tumor in a mammal. The tumor is lung, colon, breast,  
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
 CC are useful for isolating genomic and cDNA nucleotide sequences or  
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
 CC in assays to identify other proteins or molecules involved in binding  
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
 CC and gene mapping, in generation of antisense RNA and DNA, in the  
 CC preparation of PRO polypeptide, for generating transgenic animals or  
 CC knockout animals which in turn are useful in the development and  
 CC screening of therapeutically useful reagents, in gene therapy, for  
 CC chromosome identification, as chromosome marker, and for generating  
 CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
 CC detecting its expression in specific cells, tissues or serum, and for  
 CC affinity purification of PRO from recombinant cell culture or natural  
 CC sources. (I) and (II) are useful for tissue typing. This is the amino  
 CC acid sequence of a novel human secreted and transmembrane PRO  
 CC polypeptide.  
 XX  
 SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLLTWALAGSGTAAAFDSVLGDTASCHRAQCLTYPLHT 60  
 |||||  
 DB 1 MAAPKGSLSWRTQGLPPLLLLTWALAGSGTAAAFDSVLGDTASCHRAQCLTYPLHT 60  
 |||||  
 QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNETKLECSACTTEAYSQSDQVACHLGCNQ 120  
 |||||  
 DB 61 YPKKEELYACQRCGLFSICQFVDDGIDLNETKLECSACTTEAYSQSDQVACHLGCNQ 120  
 |||||  
 QY 121 LPFAELROQLMSLMPKXNHLFPPLTVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180  
 |||||  
 DB 121 LPFAELROQLMSLMPKXNHLFPPLTVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180  
 |||||

181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOVNSQAHNFLEDSGDFLRLCLSLNSGW 240  
 |||||  
 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOVNSQAHNFLEDSGDFLRLCLSLNSGW 240  
 |||||  
 241 ILTTVLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFPMNEOKLNRYPASSLVVVR 300  
 |||||  
 241 ILTTVLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFPMNEOKLNRYPASSLVVVR 300  
 |||||  
 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
 |||||  
 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
 |||||

RESULT 89  
 ADB38012  
 ID ADB38012 standard; protein; 323 AA.  
 XX  
 AC ADB38012;  
 XX  
 DT 04-DEC-2003 (first entry)  
 DE Novel human secreted and transmembrane protein PRO195.  
 XX  
 KW Human; secreted and transmembrane protein; PRO;  
 KW tumour necrosis factor alpha release; TNF-alpha release;  
 KW glucose uptake modulator; FFA uptake modulator;  
 KW cell proliferation stimulator; cell differentiation stimulator;  
 KW cell differentiation inhibitor; cytokine release stimulator; tumour;  
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
 KW gene therapy; chromosome identification; chromosome marker.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003087347-A1.  
 XX  
 PD 08-MAY-2003.  
 XX  
 PF 19-APR-2002; 2002US-00125921.  
 XX  
 PR 17-AUG-1998; 98US-0095791P.  
 PR 02-JUN-1999; 99WO-US012252.  
 PR 25-AUG-1999; 99US-00380137.  
 PR 30-MAR-2000; 2000WO-US008439.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 19-DEC-2001; 2001US-00028072.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Bersini M, Deforge L, Desnoyers L, Filvaroff B, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 XX  
 DR WPI: 2003-786938/74.  
 DR N-PSDB; ADB38011.  
 XX  
 PT New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide  
 PT and for manufacturing a medicament for diagnosing or treating tumor.  
 XX  
 PS Claim 12; Fig 272; 637pp; English.  
 XX  
 CC The invention describes 305 nucleic acids encoding PRO (secreted and  
 CC transmembrane) polypeptides (I). (I) is useful for stimulating the  
 CC release of TNF-alpha from human blood, for modulating the uptake of  
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating the proliferation or differentiation of chondrocyte cells,  
 CC for stimulating the proliferation or gene expression in pericyte  
 CC cells, for stimulating the release of proteoglycans from cartilage, for  
 CC stimulating the proliferation of inner ear utricular supporting cells,  
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating  
 CC the release of a cytokine from FMC cells, for inhibiting the binding of  
 CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
 CC cells, for stimulating proliferation of endothelial cells, for detecting

CC the presence of tumour in a mammal. The tumour is lung, colon, breast,  
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
 CC are useful for isolating genomic and cDNA nucleotide sequences or  
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
 CC in assays to identify other proteins or molecules involved in binding  
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
 CC and gene mapping, in generation of antisense RNA and DNA, in the  
 CC preparation of PRO polypeptide, for generating transgenic animals or  
 CC knockout animals which in turn are useful in the development and  
 CC screening of therapeutically useful reagents, in gene therapy, for  
 CC chromosome identification, as chromosome marker, and for generating  
 CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
 CC detecting its expression in specific cells, tissues or serum, and for  
 CC affinity purification of PRO from recombinant cell culture or natural  
 CC sources. (I) and (II) are useful for tissue typing. This is the amino  
 CC acid sequence of a novel human secreted and transmembrane PRO  
 CC polypeptide.  
 XX  
 SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Fred. No. 5.5e-167; Indels 0; Gaps 0;  
 Matches 323; Conservative 0; Mismatches 0;  
 Qy 1 MAAPKGLWVKTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
 |||||  
 Db 1 MAAPKGLWVKTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
 |||||  
 Qy 61 YPEEELIYACQRCRLPSICQFVDDGIDLNRTKLCESSACTEAYSQSDQYACHLGCCNQ 120  
 |||||  
 Db 61 YPEEELIYACQRCRLPSICQFVDDGIDLNRTKLCESSACTEAYSQSDQYACHLGCCNQ 120  
 |||||  
 Qy 121 LPTAELRQELMSLMPEKMHLLPFLTVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180  
 |||||  
 Db 121 LPTAELRQELMSLMPEKMHLLPFLTVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180  
 |||||  
 Qy 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOVNSQAHNFLEDSGDFLRLCLSLNSGW 240  
 |||||  
 Db 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOVNSQAHNFLEDSGDFLRLCLSLNSGW 240  
 |||||  
 Qy 241 ILTTVLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFPMNEOKLNRYPASSLVVVR 300  
 |||||  
 Db 241 ILTTVLVLSVMVLLWICCATVATAVEQYVPSEKLSYGDLEFPMNEOKLNRYPASSLVVVR 300  
 |||||  
 Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
 |||||  
 Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
 |||||

RESULT 90  
 ADB66484  
 ID ADB66484 standard; protein; 323 AA.  
 XX  
 AC ADB66484;  
 XX  
 DT 04-DEC-2003 (first entry)  
 DE Novel human secreted and transmembrane protein PRO195.  
 XX  
 KW Human; secreted and transmembrane protein; PRO;  
 KW tumour necrosis factor alpha release; TNF-alpha release;  
 KW glucose uptake modulator; FFA uptake modulator;  
 KW cell proliferation stimulator; cell differentiation stimulator;  
 KW cell differentiation inhibitor; cytokine release stimulator; tumour;  
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
 KW gene therapy; chromosome identification; chromosome marker.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003082689-A1.  
 XX  
 PD 01-MAY-2003.

KX 22-APR-2002; 2002US-00127831.  
 PF 31-MAR-1997; 97WO-US005230.  
 KX 12-JUN-1998; 98WO-US012456.  
 PR 14-JUL-1998; 98WO-US014552.  
 PR 28-AUG-1998; 98WO-US017888.  
 PR 10-SEP-1998; 98WO-US018824.  
 PR 14-SEP-1998; 98WO-US019093.  
 PR 14-SEP-1998; 98WO-US019177.  
 PR 17-SEP-1998; 98WO-US019330.  
 PR 16-SEP-1998; 98WO-US019437.  
 PR 07-OCT-1998; 98WO-US021141.  
 PR 29-OCT-1998; 98WO-US022991.  
 PR 20-NOV-1998; 98WO-US022992.  
 PR 01-DEC-1998; 98WO-US024855.  
 PR 05-JAN-1999; 99WO-US00106.  
 PR 08-MAR-1999; 99WO-US005028.  
 PR 10-MAR-1999; 99WO-US005190.  
 PR 20-APR-1999; 99WO-US008615.  
 PR 14-MAY-1999; 99WO-US010733.  
 PR 02-JUN-1999; 99WO-US012252.  
 PR 01-SEP-1999; 99WO-US020111.  
 PR 13-SEP-1999; 99WO-US020594.  
 PR 15-SEP-1999; 99WO-US020944.  
 PR 15-SEP-1999; 99WO-US021090.  
 PR 15-SEP-1999; 99WO-US021547.  
 PR 05-OCT-1999; 99WO-US023089.  
 PR 29-NOV-1999; 99WO-US028214.  
 PR 30-NOV-1999; 99WO-US028313.  
 PR 30-NOV-1999; 99WO-US028409.  
 PR 01-DEC-1999; 99WO-US028301.  
 PR 01-DEC-1999; 99WO-US028634.  
 PR 02-DEC-1999; 99WO-US028551.  
 PR 02-DEC-1999; 99WO-US028584.  
 PR 02-DEC-1999; 99WO-US028565.  
 PR 16-DEC-1999; 99WO-US030095.  
 PR 20-DEC-1999; 99WO-US030911.  
 PR 20-DEC-1999; 99WO-US030999.  
 PR 22-DEC-1999; 99WO-US030720.  
 PR 30-DEC-1999; 99WO-US031243.  
 PR 30-DEC-1999; 99WO-US031274.  
 PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 06-JAN-2000; 2000WO-US003376.  
 PR 11-FEB-2000; 2000WO-US003565.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 18-FEB-2000; 2000WO-US004342.  
 PR 22-FEB-2000; 2000WO-US004414.  
 PR 24-FEB-2000; 2000WO-US004914.  
 PR 24-FEB-2000; 2000WO-US005004.  
 PR 01-MAR-2000; 2000WO-US005601.  
 PR 02-MAR-2000; 2000WO-US005746.  
 PR 02-MAR-2000; 2000WO-US005841.  
 PR 10-MAR-2000; 2000WO-US006319.  
 PR 15-MAR-2000; 2000WO-US006884.  
 PR 20-MAR-2000; 2000WO-US007377.  
 PR 21-MAR-2000; 2000WO-US007532.  
 PR 30-MAR-2000; 2000WO-US008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 11-AUG-2000; 2000WO-US022031.  
 PR 23-AUG-2000; 2000WO-US023522.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 08-NOV-2000; 2000WO-US030952.  
 PR 10-NOV-2000; 2000WO-US030873.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000US-00747259.

PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001US-00796498.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 01-MAR-2001; 2001WO-US006666.  
 PR 09-MAR-2001; 2001US-00802706.  
 PR 14-MAR-2001; 2001US-00808689.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 05-APR-2001; 2001US-00828366.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 10-MAY-2001; 2001US-00854280.  
 PR 18-MAY-2001; 2001US-00860216.  
 PR 25-MAY-2001; 2001US-00866028.  
 PR 25-MAY-2001; 2001US-00866034.  
 PR 01-JUN-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 05-JUN-2001; 2001US-00874503.  
 PR 14-JUN-2001; 2001US-00882636.  
 PR 19-JUN-2001; 2001US-00886342.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 21-JUN-2001; 2001US-00887879.  
 PR 22-JUN-2001; 2001WO-US020116.  
 PR 29-JUN-2001; 2001WO-US021086.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 18-JUL-2001; 2001US-00908827.  
 PR 06-AUG-2001; 2001US-00924419.  
 PR 09-AUG-2001; 2001US-00927796.  
 PR 16-AUG-2001; 2001US-00931836.  
 PR 19-DEC-2001; 2001US-0028072.  
 XX (GETH ) GENENTECH INC.  
 PA Baker KF, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski RJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 XX WPI; 2003-786905/74.  
 DR N-PSDB; ADB66483.  
 XX  
 XX New PRO nucleic acid, useful for preparing a composition for treating  
 PT e.g. tumor or for tissue typing.  
 PT  
 XX Claim 12; Fig 272; 637pp; English.  
 XX  
 CC The invention describes 305 nucleic acids encoding PRO (secreted and  
 CC transmembrane) polypeptides (I). (I) is useful for stimulating the  
 CC release of TNF-alpha from human blood, for modulating the uptake of  
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating the proliferation or differentiation of chondrocyte cells,  
 CC for stimulating the proliferation of or gene expression in pericyte  
 CC cells, for stimulating the release of proteoglycans from cartilage, for  
 CC stimulating the proliferation of inner ear utricular supporting cells,  
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating  
 CC the release of a cytokine from PMMC cells, for inhibiting the binding of  
 CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
 CC cells, for stimulating proliferation of endothelial cells, for detecting  
 CC the presence of tumour in a mammal. The tumour is lung, colon, breast,  
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
 CC are useful for isolating genomic and cDNA nucleotide sequences or  
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
 CC in assays to identify other proteins or molecules involved in binding  
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
 CC and gene mapping, in generation of antisense RNA and DNA, in the  
 CC preparation of PRO polypeptide, for generating transgenic animals or  
 CC knockout animals which in turn are useful in the development and  
 CC screening of therapeutically useful reagents, in gene therapy, for  
 CC chromosome identification, as chromosome marker, and for generating  
 CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
 CC detecting its expression in specific cells, tissues or serum, and for  
 CC affinity purification of PRO from recombinant cell culture or natural  
 CC sources. (I) and (II) are useful for tissue typing. This is the amino  
 CC acid sequence of a novel human secreted and transmembrane PRO  
 CC polypeptide.

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XX SQ Sequence 323 AA;
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRVQLGHPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKSLWVRVQLGHPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNQ 120
DB 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNQ 120
QY 121 LPFAELRQQLMSLMPKQMLLPPLTLVRSFWSMDMSAQSFITSSWTFFLQADGKIVIP 180
DB 121 LPFAELRQQLMSLMPKQMLLPPLTLVRSFWSMDMSAQSFITSSWTFFLQADGKIVIP 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSWVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSWVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 91
ADB89564
ID ADB89564 standard; protein; 323 AA.
XX AC ADB89564;
XX DT 04-DEC-2003 (first entry)
XX DE Human PRO polypeptide #136.
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW liver; microvascular endothelial cell; glucose; PFA;
KW skeletal muscle cell; adipocyte cell; pericyte cell;
KW inner ear utricular supporting cell; T-lymphocyte cell;
KW endothelial cell tube formation; bone disorder; cartilage disorder;
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW immune system cell infiltration.
XX OS Homo sapiens.
XX PN US2003082698-A1.
XX PD 01-MAY-2003.
XX PF 22-APR-2002; 2002US-00127850.
XX PR 20-AUG-1998; 98US-0097218P.
XX PR 02-JUN-1999; 99WO-US012252.
XX PR 25-AUG-1999; 99US-00380137.
XX PR 02-MAR-2000; 2000WO-US005841.
XX PR 30-MAR-2000; 2000WO-US008439.
XX PR 01-DEC-2000; 2000WO-US032678.
XX PR 19-DEC-2001; 2001US-00028072.
XX PA (GETH ) GENENTECH INC.
XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
XX PI Gerritsen MB, Goddard A, Godowski FJ, Gurney AL, Sherwood S;
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PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WL, Zhang Z;
XX WPI; 2003-743896/70.
DR N-PSDB; ADB89563.
XX PT New PRO nucleic acids and encoded polypeptides, useful in the treatment
PT of cancer.
XX Claim 12; Fig 272; 637pp; English.
XX PS The invention relates to isolated human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the polynucleotides encoding them. The
XX invention also relates to an antibody which specifically binds to a PRO
XX polypeptide, a method for stimulating the release of tumour necrosis
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the
XX proliferation or differentiation of chondrocyte cells and a method for
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
XX polynucleotides are useful in molecular biology, including uses as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also
XX be used in preparing PRO polypeptides by recombinant techniques and in
XX generating either transgenic animals or knock-out animals which are
XX useful in the development and screening of therapeutically useful
XX reagents. The PRO polypeptides or antibodies are used in preparing a
XX medicament for treating a condition responsive to the polypeptides or
XX antibodies, such as tumours, for stimulating and inhibiting proliferation
XX of human microvascular endothelial cells, for modulating the uptake of
XX glucose or PFA by skeletal muscle cells or adipocyte cells, for
XX stimulating differentiation of adipocyte cells, for stimulating
XX proliferation of or gene expression in pericyte cells, for stimulating
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte
XX cells, for inducing endothelial cell tube formation and for treating
XX various bone and/or cartilage disorders such as sports injuries and
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans
XX from cartilage are useful for treating sports-related joint problems,
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
XX polypeptides are also useful for treating various mammalian haemoglobin-
XX associated disorders such as various thalassaemias and conditions which
XX may benefit from enhanced local immune system cell infiltration. This
XX sequence represents a human PRO polypeptide of the invention. Note: The
XX sequence data for this patent is also available in electronic format from
XX USPTO at seqdata.uspto.gov/sequence.html.
XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRVQLGHPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKSLWVRVQLGHPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNQ 120
DB 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNQ 120
QY 121 LPFAELRQQLMSLMPKQMLLPPLTLVRSFWSMDMSAQSFITSSWTFFLQADGKIVIP 180
DB 121 LPFAELRQQLMSLMPKQMLLPPLTLVRSFWSMDMSAQSFITSSWTFFLQADGKIVIP 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSWVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSWVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323
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## RESULT 92

AD890296  
ID AD890296 standard; protein; 323 AA.  
XX AC  
XX AD890296;  
XX AC  
XX 04-DEC-2003 (first entry)  
XX AC  
XX Human PRO polypeptide #136.  
XX AC  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
XX AC tumor necrosis factor- $\alpha$ ; TNF- $\alpha$ ; chondrocyte cell; tumour;  
XX AC cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
XX AC liver; microvascular endothelial cell; glucose; PFA;  
XX AC skeletal muscle cell; adipocyte cell; pericyte cell;  
XX AC inner ear utricular supporting cell; T-lymphocyte cell;  
XX AC endothelial cell tube formation; bone disorder; cartilage disorder;  
XX AC sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
XX AC rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
XX AC immune system cell infiltration.  
XX AC  
XX Homo sapiens.  
XX AC  
XX US2003082762-A1.  
XX AC  
XX 01-MAY-2003.  
XX AC  
XX 15-APR-2002; 2002US-00123325.  
XX AC  
XX 31-MAR-1997; 97WO-US005230.  
XX AC 12-JUN-1998; 98WO-US012456.  
XX AC 14-JUL-1998; 98WO-US014552.  
XX AC 28-AUG-1998; 98WO-US017888.  
XX AC 10-SEP-1998; 98WO-US018824.  
XX AC 14-SEP-1998; 98WO-US019033.  
XX AC 14-SEP-1998; 98WO-US019094.  
XX AC 14-SEP-1998; 98WO-US019177.  
XX AC 16-SEP-1998; 98WO-US019330.  
XX AC 17-SEP-1998; 98WO-US019437.  
XX AC 07-OCT-1998; 98WO-US021141.  
XX AC 29-OCT-1998; 98WO-US022991.  
XX AC 29-OCT-1998; 98WO-US022992.  
XX AC 01-DEC-1998; 98WO-US024855.  
XX AC 01-DEC-1998; 98WO-US025108.  
XX AC 05-JAN-1999; 99WO-US000106.  
XX AC 08-MAR-1999; 99WO-US005028.  
XX AC 20-APR-1999; 99WO-US005190.  
XX AC 14-MAY-1999; 99WO-US008615.  
XX AC 02-JUN-1999; 99WO-US010733.  
XX AC 01-SEP-1999; 99WO-US012252.  
XX AC 08-SEP-1999; 99WO-US020111.  
XX AC 13-SEP-1999; 99WO-US020594.  
XX AC 15-SEP-1999; 99WO-US020944.  
XX AC 15-SEP-1999; 99WO-US021090.  
XX AC 05-OCT-1999; 99WO-US021547.  
XX AC 29-NOV-1999; 99WO-US023089.  
XX AC 30-NOV-1999; 99WO-US028214.  
XX AC 30-NOV-1999; 99WO-US028313.  
XX AC 01-DEC-1999; 99WO-US028409.  
XX AC 01-DEC-1999; 99WO-US028301.  
XX AC 01-DEC-1999; 99WO-US028634.  
XX AC 02-DEC-1999; 99WO-US028551.  
XX AC 02-DEC-1999; 99WO-US028564.  
XX AC 02-DEC-1999; 99WO-US028565.  
XX AC 16-DEC-1999; 99WO-US030095.  
XX AC 20-DEC-1999; 99WO-US030911.  
XX AC 20-DEC-1999; 99WO-US030999.  
XX AC 22-DEC-1999; 99WO-US030720.  
XX AC 30-DEC-1999; 99WO-US031243.  
XX AC 30-DEC-1999; 99WO-US031274.  
XX AC 05-JAN-2000; 2000WO-US000219.  
XX AC  
XX 06-JAN-2000; 2000WO-US000277.  
XX AC 06-JAN-2000; 2000WO-US000376.  
XX AC 11-FEB-2000; 2000WO-US003565.  
XX AC 18-FEB-2000; 2000WO-US004341.  
XX AC 18-FEB-2000; 2000WO-US004342.  
XX AC 22-FEB-2000; 2000WO-US004414.  
XX AC 24-FEB-2000; 2000WO-US004914.  
XX AC 24-FEB-2000; 2000WO-US005004.  
XX AC 01-MAR-2000; 2000WO-US005601.  
XX AC 02-MAR-2000; 2000WO-US005746.  
XX AC 02-MAR-2000; 2000WO-US005841.  
XX AC 10-MAR-2000; 2000WO-US006319.  
XX AC 15-MAR-2000; 2000WO-US006884.  
XX AC 20-MAR-2000; 2000WO-US007377.  
XX AC 21-MAR-2000; 2000WO-US007532.  
XX AC 30-MAR-2000; 2000WO-US008439.  
XX AC 17-MAY-2000; 2000WO-US013705.  
XX AC 22-MAY-2000; 2000WO-US014042.  
XX AC 30-MAY-2000; 2000WO-US014941.  
XX AC 02-JUN-2000; 2000WO-US015264.  
XX AC 28-JUL-2000; 2000WO-US020710.  
XX AC 11-AUG-2000; 2000WO-US022031.  
XX AC 23-AUG-2000; 2000WO-US023522.  
XX AC 24-AUG-2000; 2000WO-US023328.  
XX AC 08-NOV-2000; 2000WO-US030352.  
XX AC 10-NOV-2000; 2000WO-US030873.  
XX AC 01-DEC-2000; 2000WO-US032678.  
XX AC 20-DEC-2000; 2000US-00747259.  
XX AC 20-DEC-2000; 2000WO-US034956.  
XX AC 28-FEB-2001; 2001US-00796498.  
XX AC 28-FEB-2001; 2001WO-US006520.  
XX AC 01-MAR-2001; 2001WO-US006666.  
XX AC 09-MAR-2001; 2001US-00802706.  
XX AC 14-MAR-2001; 2001US-00808689.  
XX AC 22-MAR-2001; 2001US-00816744.  
XX AC 05-APR-2001; 2001US-00828366.  
XX AC 10-MAY-2001; 2001US-00854208.  
XX AC 10-MAY-2001; 2001US-00854280.  
XX AC 18-MAY-2001; 2001US-00860216.  
XX AC 25-MAY-2001; 2001US-00866028.  
XX AC 25-MAY-2001; 2001US-00866034.  
XX AC 25-MAY-2001; 2001WO-US017092.  
XX AC 01-JUN-2001; 2001US-00872035.  
XX AC 01-JUN-2001; 2001WO-US017800.  
XX AC 05-JUN-2001; 2001US-00874503.  
XX AC 14-JUN-2001; 2001US-00882636.  
XX AC 19-JUN-2001; 2001US-00886342.  
XX AC 20-JUN-2001; 2001WO-US019692.  
XX AC 21-JUN-2001; 2001US-00887879.  
XX AC 22-JUN-2001; 2001WO-US020116.  
XX AC 29-JUN-2001; 2001WO-US021066.  
XX AC 09-JUL-2001; 2001WO-US021735.  
XX AC 18-JUL-2001; 2001US-00908827.  
XX AC 06-AUG-2001; 2001US-00924419.  
XX AC 09-AUG-2001; 2001US-00927796.  
XX AC 16-AUG-2001; 2001US-00931836.  
XX AC 19-DEC-2001; 2001US-00028072.  
XX AC  
XX (GETH ) GENENTECH INC.  
XX AC  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
XX AC Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XX AC Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX AC  
XX WPI; 2003-743899/70.  
XX AC  
XX N-PSDB; ADB90295.  
XX AC  
XX DR  
XX N-PSDB; ADB90295.  
XX AC  
XX PI  
XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
XX AC in gene therapy, and in the detection and treatment of tumor in a mammal.  
XX AC  
XX Claim 12; Fig 272; 649pp; English.  
XX AC  
XX The invention relates to isolated human PRO polypeptides (secreted and

transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor- $\alpha$  (TNF- $\alpha$ ) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5,5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWVRTOGLPPLLLTLMALAGSGTASAPFSDVLGDTASCHRAQLTYPLHT 60  
1 MAAPKGLWVRTOGLPPLLLTLMALAGSGTASAPFSDVLGDTASCHRAQLTYPLHT 60  
61 YPKPEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
61 YPKPEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
121 LPPAELRQELNSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSNTFYLAQDDKIVIP 180  
121 LPPAELRQELNSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSNTFYLAQDDKIVIP 180  
181 QSKPEIYAPHLEQPTNLRSSLSKMSYLVQWNSQAHNPLEDGSDFGLCLNSGN 240  
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301 SKTEDEHEAGPLTKVNLHSEI 323  
301 SKTEDEHEAGPLTKVNLHSEI 323

RESULT 93

ADB39397

ID ADB39397 standard; protein; 323 AA.

XX ADB39397;

XX ADB39397;

XX 04-DEC-2003 (first entry)

XX 04-DEC-2003 (first entry)

XX Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO;  
KW Tumour necrosis factor  $\alpha$  release; TNF- $\alpha$  release;  
KW Glucose uptake modulator; FFA uptake modulator;  
KW cell proliferation stimulator; cell differentiation stimulator;  
KW cell differentiation inhibitor; cytokine release stimulator; tumour;  
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
KW gene therapy; chromosome identification; chromosome mapping;  
XX Homo sapiens.  
OS  
XX  
XX US2003082764-A1.  
XX  
XX 01-MAY-2003.  
XX  
XX 03-MAY-2002; 2002US-00137868.  
XX  
XX 31-MAR-1997; 97WO-US005230.  
XX 12-JUN-1998; 98WO-US012456.  
XX 14-JUL-1998; 98WO-US014552.  
XX 28-AUG-1998; 98WO-US017888.  
XX 10-SEP-1998; 98WO-US018824.  
XX 14-SEP-1998; 98WO-US019093.  
XX 14-SEP-1998; 98WO-US019094.  
XX 14-SEP-1998; 98WO-US019177.  
XX 18-SEP-1998; 98WO-US019330.  
XX 17-SEP-1998; 98WO-US019437.  
XX 07-OCT-1998; 98WO-US021141.  
XX 29-OCT-1998; 98WO-US022991.  
XX 29-OCT-1998; 98WO-US022992.  
XX 20-NOV-1998; 98WO-US024855.  
XX 01-DEC-1998; 98WO-US025108.  
XX 08-JAN-1999; 99WO-US000106.  
XX 08-MAR-1999; 99WO-US005028.  
XX 10-MAR-1999; 99WO-US005190.  
XX 20-APR-1999; 99WO-US008615.  
XX 14-MAY-1999; 99WO-US010733.  
XX 02-JUN-1999; 99WO-US01252.  
XX 01-SEP-1999; 99WO-US020111.  
XX 08-SEP-1999; 99WO-US020594.  
XX 13-SEP-1999; 99WO-US020944.  
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XX 01-DEC-1999; 99WO-US028634.  
XX 02-DEC-1999; 99WO-US028551.  
XX 02-DEC-1999; 99WO-US028564.  
XX 02-DEC-1999; 99WO-US028565.  
XX 16-DEC-1999; 99WO-US030095.  
XX 20-DEC-1999; 99WO-US030911.  
XX 20-DEC-1999; 99WO-US030999.  
XX 22-DEC-1999; 99WO-US030720.  
XX 30-DEC-1999; 99WO-US031243.  
XX 30-DEC-1999; 99WO-US031274.  
XX 05-JAN-2000; 2000WO-US000219.  
XX 06-JAN-2000; 2000WO-US000277.  
XX 06-JAN-2000; 2000WO-US000376.  
XX 11-FEB-2000; 2000WO-US003565.  
XX 18-FEB-2000; 2000WO-US004341.  
XX 18-FEB-2000; 2000WO-US004342.  
XX 24-FEB-2000; 2000WO-US004414.  
XX 24-FEB-2000; 2000WO-US004914.  
XX 01-MAR-2000; 2000WO-US005004.  
XX 01-MAR-2000; 2000WO-US005601.  
XX 02-MAR-2000; 2000WO-US005746.  
XX 02-MAR-2000; 2000WO-US005841.  
XX 10-MAR-2000; 2000WO-US006319.  
XX 15-MAR-2000; 2000WO-US006884.





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PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
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PR 25-MAR-1998; 98US-0079294P.  
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PR 31-MAR-1998; 98US-0080194P.  
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PR 01-APR-1998; 98US-0080328P.  
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PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
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PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 15-APR-1998; 98US-0081229P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 22-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082796P.  
PR 27-APR-1998; 98US-0083336P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
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PR 29-APR-1998; 98US-0083496P.  
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PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 29-APR-1998; 98US-0083559P.  
PR 30-APR-1998; 98US-0083742P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
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PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
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PR 07-MAY-1998; 98US-0084640P.  
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PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085683P.  
PR 15-MAY-1998; 98US-0085697P.  
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PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
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PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086485P.  
PR 28-MAY-1998; 98US-0087098P.  
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PR 26-JUN-1998; 98US-0091010P.  
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PR 10-MAR-1999; 98US-00505190.  
PR 12-MAR-1999; 98US-00267213.  
PR 12-MAR-1999; 98US-0123957P.  
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PR 28-APR-1999; 98US-0131022P.  
PR 28-APR-1999; 98US-0131445P.  
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PR 14-MAY-1999; 98US-0134287P.  
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PR 23-JUN-1999; 98US-014037P.  
PR 07-JUL-1999; 98US-0142680P.  
PR 26-JUL-1999; 98US-0145698P.  
PR 25-AUG-1999; 98US-00380137.  
PR 25-AUG-1999; 98US-00380138.  
PR 25-AUG-1999; 98US-00380142.  
PR 29-OCT-1999; 98US-0162506P.  
PR 30-NOV-1999; 98US-002028313.  
PR 02-DEC-1999; 98US-002028551.  
PR 16-DEC-1999; 98US-002028565.  
PR 30-DEC-1999; 98US-003030095.  
PR 30-DEC-1999; 98US-0031243.  
PR 05-JAN-2000; 98US-0031274.  
PR 05-JAN-2000; 2000US-0000219.  
PR 06-JAN-2000; 2000US-0000277.  
PR 11-FEB-2000; 2000US-0000376.  
PR 18-FEB-2000; 2000US-00003565.  
PR 24-FEB-2000; 2000US-0004341.  
PR 02-MAR-2000; 2000US-0005004.  
PR 10-MAR-2000; 2000US-0005841.  
PR 21-MAR-2000; 2000US-0006319.  
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PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000WO-US032678.  
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PR 20-DEC-2000; 2000WO-US034956.  
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PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
CX (GETH ) GENENTECH INC.  
CX

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
ZY 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60  
Zb 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60  
ZY 61 YPKREELVACQRCRLSICQFVDDGIDLNRKLECSACEATYASQSDQYACHLGCQOQ 120  
Zb 61 YPKREELVACQRCRLSICQFVDDGIDLNRKLECSACEATYASQSDQYACHLGCQOQ 120  
ZY 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSFTYLDGDKIVIP 180  
Zb 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSFTYLDGDKIVIP 180  
ZY 181 QSKPEIQVAPHELEQEPNLRSSLSKMSYLOMNSQAHRNFLDGSDFGLRCLSLNSGW 240  
Zb 181 QSKPEIQVAPHELEQEPNLRSSLSKMSYLOMNSQAHRNFLDGSDFGLRCLSLNSGW 240  
ZY 241 ILTTLVLSVMVLWICCATVATAVEQVFPSEKLSIYGDLFEFNEQKLNRYPASSLVVVR 300  
Zb 241 ILTTLVLSVMVLWICCATVATAVEQVFPSEKLSIYGDLFEFNEQKLNRYPASSLVVVR 300  
ZY 301 SKTDEHEAGPLPTKVALHSEI 323  
Zb 301 SKTDEHEAGPLPTKVALHSEI 323

RESULT 95

ADB47020 standard; protein; 323 AA.

CX ADB47020;  
CX

JT 04-DEC-2003 (first entry)

CX Novel human secreted and transmembrane protein PRO195.

CX Human; secreted and transmembrane protein; PRO;  
KW Tumour necrosis factor alpha release; TNF-alpha release;

KW glucose uptake modulator; FFA uptake modulator;  
KW cell proliferation stimulator; cell differentiation stimulator;  
KW cell differentiation inhibitor; cytokine release stimulator; tumour;  
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
KW gene therapy; chromosome identification; chromosome marker.  
XX Homo sapiens.  
XX US2003082687-A1.  
XX 01-MAY-2003.  
XX 19-APR-2002; 2002US-00125930.  
XX 05-JUN-2000; 2000US-0209832P.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
PA (GETH ) GENENTECH INC.  
PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
DR WPI: 2003-786904/74.  
DR N-PSDB; ADB47019.  
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or  
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in  
PT generating antisense RNA and DNA, and in gene therapy.  
XX Claim 12; Fig 272; 627pp; English.

XX The invention describes 305 nucleic acids encoding PRO (secreted and  
transmembrane) polypeptides (I). (I) is useful for stimulating the  
release of TNF-alpha from human blood, for modulating the uptake of  
glucose or FFA by skeletal muscle cells or adipocyte cells, for  
stimulating the proliferation or differentiation of chondrocyte cells,  
for stimulating the proliferation of or gene expression in pericyte  
cells, for stimulating the release of proteoglycans from cartilage, for  
stimulating the proliferation of inner ear utricular supporting cells,  
for stimulating the proliferation of T-lymphocyte cells, for stimulating  
the release of a cytokine from PMC cells, for inhibiting the binding of  
A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
cells, for stimulating proliferation of endothelial cells, for detecting  
the presence of tumour in a mammal. The tumour is lung, colon, breast,  
prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
are useful for isolating genomic and cDNA nucleotide sequences or  
antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
in assays to identify other proteins or molecules involved in binding  
interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
and gene mapping, in generation of antisense RNA and DNA, in the  
preparation of PRO polypeptide, for generating transgenic animals or  
knockout animals which in turn are useful in the development and  
screening of therapeutically useful reagents, in gene therapy, for  
chromosome identification, as chromosome marker, and for generating  
probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
detecting its expression in specific cells, tissues or serum, and for  
affinity purification of PRO from recombinant cell culture or natural  
sources. (I) and (II) are useful for tissue typing. This is the amino  
acid sequence of a novel human secreted and transmembrane PRO  
polypeptide.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60  
DB 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTYPLHT 60

Qy 61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLCESACTEAYSQSDROYACHLCQCNQ 120  
 Db 61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLCESACTEAYSQSDROYACHLCQCNQ 120  
 Qy 121 LPFAELRQEQQLMSLMPQKHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 Db 121 LPFAELRQEQQLMSLMPQKHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 Qy 181 QSKPEIQYAPHLEQEPNTLRESLSKMSYLOKNSQAHNFLEDESGDFLCLSLNSGW 240  
 Db 181 QSKPEIQYAPHLEQEPNTLRESLSKMSYLOKNSQAHNFLEDESGDFLCLSLNSGW 240  
 Qy 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYFPASSILVYVR 300  
 Db 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYFPASSILVYVR 300  
 Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 96

ADB86627  
 ID ADB86627 standard; protein; 323 AA.

AC ADB86627;

DT 04-DEC-2003 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
 KW liver; microvascular endothelial cell; glucose; FFA;  
 KW skeletal muscle cell; adipocyte cell; pericyte cell;  
 KW inner ear utricular supporting cell; T-lymphocyte cell;  
 KW endothelial cell tube formation; bone disorder; cartilage disorder;  
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
 KW immune system cell infiltration.

XX Homo sapiens.

XX US2003082697-A1.

XX 01-MAY-2003.

XX 22-APR-2002; 2002US-00127849.

XX 20-OCT-1998; 98US-0104987P.

XX 01-SEP-1999; 99WO-US020111.

XX 18-OCT-1999; 99US-00403297.

XX 18-FEB-2000; 2000WO-US004342.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH ) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-743895/70.

XX N-PSDB; ADB86626.

XX New secreted and transmembrane PRO polypeptides, useful in the diagnosis

XX and treatment of cancer.

XX Claim 12; Fig 272; 637pp; English.

XX PS

XX The invention relates to isolated human PRO polypeptides (secreted and

transmembrane polypeptides) and the polynucleotides encoding them. The  
 invention also relates to an antibody which specifically binds to a PRO  
 polypeptide, a method for stimulating the release of tumour necrosis  
 factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 proliferation or differentiation of chondrocyte cells and a method for  
 detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 polynucleotides are useful in molecular biology, including uses as  
 hybridisation probes, in chromosome and gene mapping, in generating  
 antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 be used in preparing PRO polypeptides by recombinant techniques and in  
 generating either transgenic animals or knock-out animals which are  
 useful in the development and screening of therapeutically useful  
 reagents. The PRO polypeptides or antibodies are used in preparing a  
 reagent for treating a condition responsive to the polypeptides or  
 antibodies, such as tumours, for stimulating and inhibiting proliferation  
 of human microvascular endothelial cells, for modulating the uptake of  
 glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 stimulating differentiation of adipocyte cells, for stimulating  
 proliferation of or gene expression in pericyte cells, for stimulating  
 the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 cells, for inducing endothelial cell tube formation and for treating  
 various bone and/or cartilage disorders such as sports injuries and  
 arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 from cartilage are useful for treating sports-related joint problems,  
 articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 polypeptides are also useful for treating various mammalian haemoglobin-  
 associated disorders such as various thalassaemias and conditions which  
 may benefit from enhanced local immune system cell infiltration. This  
 sequence represents a human PRO polypeptide of the invention. Note: The  
 USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVRLTQGLPPLILLTALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60

Db 1 MAAPKGSWVRLTQGLPPLILLTALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60

Qy 61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLCESACTEAYSQSDROYACHLCQCNQ 120

Db 61 YPKKEELYACQRCRLPSICQFVDDGIDLNRTKLCESACTEAYSQSDROYACHLCQCNQ 120

Qy 121 LPFAELRQEQQLMSLMPQKHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPQKHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTLRESLSKMSYLOKNSQAHNFLEDESGDFLCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTLRESLSKMSYLOKNSQAHNFLEDESGDFLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYFPASSILVYVR 300

Db 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYFPASSILVYVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 97

ADB76552

ID ADB76552 standard; protein; 323 AA.

XX ADB76552;

XX 04-DEC-2003 (first entry)

XX Human PRO polypeptide #49.



PR 17-MAR-2000; 2000WO-US008439.  
 PR 22-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 22-MAR-2001; 2001WO-US009552.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00919585.  
 XX (GETH ) GENENTECH INC.  
 PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL,  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME,  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ,  
 PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL,  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX WPI; 2003-755118/71.  
 DR N-PSDB; ADB76551.  
 XX  
 PR New PRO polypeptides useful for treating peripheral neuropathy,  
 PT neuropathies associated with systemic disease such as post-polio syndrome  
 PT or AIDS-associated syndrome.  
 XX  
 PS Claim 12; Fig 132; 425pp; English.  
 XX  
 PR The present invention relates to the isolation of novel human PRO  
 CC polypeptides, and the polynucleotide sequences encoding them. The PRO  
 CC polypeptides are secreted and transmembrane proteins. The PRO  
 CC polypeptides are useful for detecting other PRO polypeptides, for linking  
 CC bioactive molecules to cells expressing PRO polypeptides, for modulating  
 CC biological activities of cells expressing PRO polypeptides, and for  
 CC identifying agonists or antagonists. The bioactive molecule may be a  
 CC toxin, radiolabel or antibody, and cause cell death. The PRO polypeptides  
 CC are useful for treating neuropathy and neuropathy related diseases such  
 CC as Charcot-Marie-Tooth disorder, Refsum's disease, and Krabbe's disease.  
 CC The polynucleotide sequences encoding PRO polypeptides are useful as  
 CC hybridisation probes, in chromosome and gene mapping, in the generation

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. NO. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKSLVVRVQLGPPILLTLMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLRT 60  
 DB 1 MAAPKSLVVRVQLGPPILLTLMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLRT 60  
 QY 61 YPKREELVACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
 DB 61 YPKREELVACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
 QY 121 LPFAELRQQLSLMPKMLLPFLTVRSFWSMDMSAQSPITSSWTYLOADGKVI 180  
 DB 121 LPFAELRQQLSLMPKMLLPFLTVRSFWSMDMSAQSPITSSWTYLOADGKVI 180  
 QY 181 QSKPEIQYAPHLQEPNLRSSLSKMSYLMQNSQAHNFLEDGESDGLRCLSLNSGM 240  
 DB 181 QSKPEIQYAPHLQEPNLRSSLSKMSYLMQNSQAHNFLEDGESDGLRCLSLNSGM 240  
 QY 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSKLSIYGDLEPMQKLNRYPASSLVV 300  
 DB 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSKLSIYGDLEPMQKLNRYPASSLVV 300  
 QY 301 SKTDEHEAGPLPTKVNLAHSEI 323

DB 301 SKTDEHEAGPLPTKVNLAHSEI 323  
 RESULT 98  
 ADB77232  
 ID ADB77232 standard; protein; 323 AA.  
 XX AC ADB77232;  
 XX DT 04-DEC-2003 (first entry)  
 XX DE Novel human secreted and transmembrane protein PRO195.  
 XX KW Human; secreted and transmembrane protein; PRO;  
 KW Tumour necrosis factor alpha release; TNF-alpha release;  
 KW Glucose uptake modulator; PFA uptake modulator;  
 KW cell proliferation stimulator; cell differentiation stimulator;  
 KW cell differentiation inhibitor; cytokine release stimulator;  
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
 KW gene therapy; chromosome identification; chromosome marker.  
 XX OS Homo sapiens.  
 XX PN US2003082696-A1.  
 XX PD 01-MAY-2003.  
 XX PF 22-APR-2002; 2002US-00127848.  
 XX PR 03-NOV-1998; 98US-0106934P.  
 PR 26-JUL-1999; 99US-0145698P.  
 PR 01-SEP-1999; 99WO-US020111.  
 PR 18-OCT-1999; 99OS-00403297.  
 PR 05-JAN-2000; 2000WO-US000219.  
 PR 18-FEB-2000; 2000WO-US004342.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 19-DEC-2001; 2001US-00028072.  
 XX (GETH ) GENENTECH INC.  
 PA Baker KP, Bersini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 XX WPI; 2003-755109/71.  
 DR N-PSDB; ADB77231.  
 XX  
 PR PRO nucleic acid, useful for preparing a composition for treating e.g.,  
 PT tumor or for tissue typing.  
 FT  
 XX Claim 12; Fig 272; 637pp; English.  
 PS  
 XX The invention describes 305 nucleic acids encoding PRO (secreted and  
 CC transmembrane) polypeptides (I). (I) is useful for stimulating the  
 CC release of TNF-alpha from human blood, for modulating the uptake of  
 CC glucose or PFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating the proliferation or differentiation of chondrocyte cells,  
 CC for stimulating the proliferation of or gene expression in pericyte  
 CC cells, for stimulating the release of proteoglycans from cartilage, for  
 CC stimulating the proliferation of inner ear utricular supporting cells,  
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating  
 CC the release of a cytokine from PMBC cells, for inhibiting the binding of  
 CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
 CC cells, for stimulating proliferation of endothelial cells, for detecting  
 CC the presence of tumour in a mammal. The tumour is lung, colon, breast,  
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
 CC are useful for isolating genomic and cDNA nucleotide sequences or  
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
 CC in assays to identify other proteins or molecules involved in binding  
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
 CC and gene mapping, in generation of antisense RNA and DNA, in the

CC preparation of PRO polypeptide, for generating transgenic animals or  
CC knockout animals which in turn are useful in the development and  
CC screening of therapeutically useful reagents, in gene therapy, for  
CC chromosome identification, as chromosome marker, and for generating  
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
CC detecting its expression in specific cells, tissues or serum, and for  
CC affinity purification of PRO from recombinant cell culture or natural  
CC sources. (i) and (ii) are useful for tissue typing. This is the amino  
CC acid sequence of a novel human secreted and transmembrane PRO  
CC polypeptide.  
XX  
XX  
SQ Sequence 323 AA;  
  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGTASCHRAQCLTYPLHT 60  
  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNQ 120  
  
QY 121 LPFAELROBQLMSLMPKWHLLPPLTLVRSFWSMDNSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELROBQLMSLMPKWHLLPPLTLVRSFWSMDNSAQSFITSSWTFYLOADDGKIVIF 180  
  
QY 181 QSKPIQIYAPHLBOPTNLRESLSKMSYLOWRNSQAHNFLEDSGDGFLRCLSLNSGW 240  
DB 181 QSKPIQIYAPHLBOPTNLRESLSKMSYLOWRNSQAHNFLEDSGDGFLRCLSLNSGW 240  
  
QY 241 ILTTTLVLSVMVLLMICATVATAVEQVVPSEKLSITGDLDFMNEOKLNRYPASSLWVR 300  
DB 241 ILTTTLVLSVMVLLMICATVATAVEQVVPSEKLSITGDLDFMNEOKLNRYPASSLWVR 300  
  
QY 301 SKTEDEBERAGPLTKVNLHSEI 323  
DB 301 SKTEDEBERAGPLTKVNLHSEI 323  
  
RESULT 99  
ADB34389  
ID ADB34389 standard; protein; 323 AA.  
XX  
XX ADB34389;  
XX  
XX 04-DEC-2003 (first entry)  
XX  
XX Human PRO polypeptide SEQ ID NO 272.  
XX  
XX Human; PRO: secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; PFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX  
XX Homo sapiens.  
OS  
OS US200307717-A1.  
PN  
PN 24-APR-2003.  
PD  
PD 24-APR-2002; 2002US-00131819.  
PF  
PF 07-OCT-1998; 98US-0103328P.  
PR  
PR 01-SEP-1999; 99WO-US020111.  
PR

PR 18-OCT-1999; 99US-00403297.  
PR 30-NOV-1999; 99WO-US028313.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
XX  
XX (GETH ) GENENTECH INC.  
XX  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AU, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
XX WPI: 2003-755072/71.  
DR N-PSDB; ADB34388.  
XX  
XX New isolated, secreted and transmembrane PRO polypeptides and nucleic  
PT acids, useful for the diagnosis, prevention and/or treatment of tumors,  
PT such as lung, colon, breast, prostate, rectal, cervical and/or liver  
XX tumors.  
PS Claim 12; Fig 272; 637pp; English.  
XX  
XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or PFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at seqdata.uspto.gov/sequence.html.  
XX  
XX Sequence 323 AA;  
SQ  
  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGTASCHRAQCLTYPLHT 60  
  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNQ 120  
  
QY 121 LPFAELROBQLMSLMPKWHLLPPLTLVRSFWSMDNSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELROBQLMSLMPKWHLLPPLTLVRSFWSMDNSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEBOPTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLCLSLNSGW 240  
181 QSKPEIQYAPHLEBOPTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLCLSLNSGW 240  
241 ILTTTLVLSVWVLLMTCATVATAVEQYVPSSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVWVLLMTCATVATAVEQYVPSSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
301 SKTEDHERAGPLPTKVNLAHSEI 323  
301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 100  
ID ADB35493  
AD ADB35493 standard; protein; 323 AA.  
XX ADB35493;  
XX ADB35493;  
04-DEC-2003 (first entry)  
XX Human PRO polypeptide SEQ ID NO 272.  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.

XX Homo sapiens.  
XX OS  
XX PN  
XX US2003077719-A1.  
XX 24-APR-2003.  
XX 24-APR-2002; 2002US-00131824.  
XX 09-FEB-1999; 99US-0119341P.  
XX 01-DEC-1999; 99WO-US028634.  
XX 01-DEC-2000; 2000WO-US032678.  
XX 19-DEC-2001; 2001US-00028072.  
XX (GETE ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-755074/71.  
XX N-PSDB; ADB35492.  
XX New isolated, secreted and transmembrane PRO polypeptides and nucleic  
XX acids, useful for the diagnosis, prevention and/or treatment of tumors,  
XX such as lung, colon, breast, prostate, rectal, cervical and/or liver  
XX tumors.  
XX Claim 12; Fig 272; 637pp; English.  
XX The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumour necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as

hybridisation probes, in chromosome and gene mapping, in generating  
antisense RNA and DNA and in gene therapy. The polynucleotides may also  
be used in preparing PRO polypeptides by recombinant techniques and in  
generating either transgenic animals or knock-out animals which are  
useful in the development and screening of therapeutically useful  
reagents. The PRO polypeptides or antibodies are used in preparing a  
medicament for treating a condition responsive to the polypeptides or  
antibodies, such as tumours, for stimulating and inhibiting proliferation  
of human microvascular endothelial cells, for modulating the uptake of  
glucose or FFA by skeletal muscle cells or adipocyte cells, for  
stimulating differentiation of adipocyte cells, for stimulating  
proliferation of or gene expression in pericyte cells, for stimulating  
the proliferation of inner ear utricular supporting cells or T-lymphocyte  
cells, for inducing endothelial cell tube formation and for treating  
various bone and/or cartilage disorders such as sports injuries and  
arthritis. PRO polypeptides which stimulate the release of proteoglycans  
from cartilage are useful for treating sports-related joint problems. PRO  
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
polypeptides are also useful for treating various mammalian haemoglobin-  
associated disorders such as various thalassaemias and conditions which  
may benefit from enhanced local immune system cell infiltration. This  
sequence represents a human PRO polypeptide of the invention. Note: The  
sequence data for this patent is also available in electronic format from  
USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;  
XX Query Match 100.0%; Score 1694; DB 7; Length 323;  
XX Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
XX Matches 323; Conservative 0; Mismatches 0;

QY 1 MAAPKGSLSVWRTQLGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
DB 1 MAAPKGSLSVWRTQLGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
QY 61 YPKSEELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKSEELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPPAEILRQQLMSLMPKQMLLPFLTLVRSFMSDMDSQSPITTSWTFLQADGKIVIF 180  
DB 121 LPPAEILRQQLMSLMPKQMLLPFLTLVRSFMSDMDSQSPITTSWTFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEBOPTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEBOPTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLCLSLNSGW 240  
QY 241 ILTTTLVLSVWVLLMTCATVATAVEQYVPSSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWVLLMTCATVATAVEQYVPSSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 101  
ADB33837  
ID ADB33837 standard; protein; 323 AA.  
XX ADB33837;  
XX ADB33837;  
04-DEC-2003 (first entry)  
XX Human PRO polypeptide SEQ ID NO 272.  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;



W sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
W rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
X immune system cell infiltration.  
X Homo sapiens.

X US2003077716-A1.  
X D 24-APR-2003.  
X F 24-APR-2002; 2002US-00131813.

X 07-OCT-1998; 98US-0103315P.  
X 01-SEP-1999; 99WO-US020111.  
X 18-OCT-1999; 99US-00403297.  
X 18-FEB-2000; 2000WO-US004342.  
X 10-NOV-2000; 2000WO-US030873.  
X 01-DEC-2000; 2000WO-US032678.  
X 19-DEC-2001; 2001US-00028072.

X (GETH ) GENENTECH INC.  
X Baker KP, Beresini M, DeForge L, Deanoyers L, Pilvaroff E, Gao W;  
X Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
X Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

X WPI; 2003-755071/71.  
X N-PSDB; ADB33836.  
X New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
X in gene therapy, in chromosome and gene mapping, as chromosome markers,  
X in tissue typing, and in identifying chromosomes.

X Claim 12; Fig 272; 637pp; English.  
X The invention relates to isolated human PRO polypeptides (secreted and  
X transmembrane polypeptides) and the polynucleotides encoding them. The  
X invention also relates to an antibody which specifically binds to a PRO  
X polypeptide, a method for stimulating the release of tumour necrosis  
X factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
X proliferation or differentiation of chondrocyte cells and a method for  
X detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
X colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
X polynucleotides are useful in molecular biology, including uses as  
X hybridisation probes, in chromosome and gene mapping, in generating  
X antisense RNA and DNA and in gene therapy. The polynucleotides may also  
X be used in preparing PRO polypeptides by recombinant techniques and in  
X generating either transgenic animals or knock-out animals which are  
X useful in the development and screening of therapeutically useful  
X reagents. The PRO polypeptides or antibodies are used in preparing a  
X medicament for treating a condition responsive to the polypeptides or  
X antibodies, such as tumours, for stimulating and inhibiting proliferation  
X of human microvascular endothelial cells, for modulating the uptake of  
X glucose or FFA by skeletal muscle cells or adipocyte cells, for  
X stimulating differentiation of adipocyte cells, for stimulating  
X the proliferation of or gene expression in pericyte cells, for stimulating  
X the proliferation of inner ear utricular supporting cells or T-lymphocyte  
X cells, for inducing endothelial cell tube formation and for treating  
X various bone and/or cartilage disorders such as sports injuries and  
X arthritis. PRO polypeptides which stimulate the release of proteoglycans  
X from cartilage are useful for treating sports-related joint problems,  
X articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
X polypeptides are also useful for treating various mammalian haemoglobin-  
X associated disorders such as various thalassaemias and conditions which  
X may benefit from enhanced local immune system cell infiltration. This  
X sequence represents a human PRO polypeptide of the invention. Note: The  
X sequence data for this patent is also available in electronic format from  
X USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

X Query Match 100.08; Score 1694; DB 7; Length 323;  
X Best Local Similarity 100.08; Pred. No. 5.5e-167;  
X Sequence 323 AA;

	Matches	323;	Conservative	0;	Mismatches	0;	Indels	0;	Gaps	0;
QY	1	MAAPKGLWRTTQGLPPILLTMAAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60							
DB	1	MAAPKGLWRTTQGLPPILLTMAAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60							
QY	61	YPKEELYACQRCRLPFSICQFVDDGIDLNRTKLRESACTEAYSQSDQYACHLGCQNO	120							
DB	61	YPKEELYACQRCRLPFSICQFVDDGIDLNRTKLRESACTEAYSQSDQYACHLGCQNO	120							
QY	121	LPFAELRQEQQLMSLMPKHLFPILTIVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180							
DB	121	LPFAELRQEQQLMSLMPKHLFPILTIVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180							
QY	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW	240							
DB	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW	240							
QY	241	ILTTIVLSVNVLLVICCATVATVQYVPESEKLSYGDLEFQNEOKLNEYPASSLIVVVR	300							
DB	241	ILTTIVLSVNVLLVICCATVATVQYVPESEKLSYGDLEFQNEOKLNEYPASSLIVVVR	300							
QY	301	SKTEDHEEAGPLTKVNLHSEI	323							
DB	301	SKTEDHEEAGPLTKVNLHSEI	323							

RESULT 102	
ADB34941	
ID	ADB34941 standard; protein; 323 AA.
XX	
AC	ADB34941;
XX	
DT	04-DEC-2003 (first entry)
XX	
DE	Human PRO polypeptide SEQ ID NO 272.
XX	
KW	Human; PRO: secreted polypeptide; transmembrane polypeptide;
KW	tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
KW	cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
KW	liver; microvascular endothelial cell; glucose; FFA;
KW	skeletal muscle cell; adipocyte cell; pericyte cell;
KW	inner ear utricular supporting cell; T-lymphocyte cell;
KW	endothelial cell tube formation; bone disorder; cartilage disorder;
KW	sports injury; proteoglycan; articular cartilage defect; osteoarthritis;
KW	rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;
KW	immune system cell infiltration.
OS	Homo sapiens.
XX	
PN	US2003077718-A1.
XX	
PD	24-APR-2003.
XX	
PF	24-APR-2002; 2002US-00131823.
XX	
PR	31-MAR-1997; 97WO-US005230.
PR	12-JUN-1998; 98WO-US012456.
PR	14-JUL-1998; 98WO-US014552.
PR	28-AUG-1998; 98WO-US017888.
PR	10-SEP-1998; 98WO-US018824.
PR	14-SEP-1998; 98WO-US019093.
PR	14-SEP-1998; 98WO-US019094.
PR	14-SEP-1998; 98WO-US019177.
PR	16-SEP-1998; 98WO-US019330.
PR	17-SEP-1998; 98WO-US019437.
PR	07-OCT-1998; 98WO-US021141.
PR	29-OCT-1998; 98WO-US022991.
PR	29-OCT-1998; 98WO-US022992.
PR	20-NOV-1998; 98WO-US024855.
PR	01-DEC-1998; 98WO-US025108.
PR	05-JAN-1999; 99WO-US000106.
PR	08-MAR-1999; 99WO-US005028.

PR 10-MAR-1999; 99WO-US0005190.  
PR 20-APR-1999; 99WO-US0008615.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 01-SEP-1998; 99WO-US020111.  
PR 08-SEP-1999; 99WO-US020594.  
PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 29-OCT-1999; 99WO-US023089.  
PR 29-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 05-JAN-2000; 99WO-US031274.  
PR 06-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006684.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 28-FEB-2001; 2001WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US005520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 18-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 01-JUN-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 05-JUN-2001; 2001WO-US017800.  
PR 14-JUN-2001; 2001US-00874503.  
PR 19-JUN-2001; 2001US-00882636.  
PR 20-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
XX  
PA (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen WE, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-755073/71.  
DR N-PSDB; ADB34940.  
XX  
DR New isolated, secreted and transmembrane PRO polypeptides and nucleic  
PT acids, useful for the diagnosis, prevention and/or treatment of tumors,  
PT such as lung, colon, breast, prostate, rectal, cervical and/or liver  
PT tumors.  
XX  
PS Claim 12; Fig 272; 638pp; English.  
XX  
CC The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating  
CC differentiating differentiation of adipocyte cells, for stimulating  
CC the proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems, PRO  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis, PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX  
SQ Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGLWRTQIGLPELILLTALAGSGTASAFDSVLGDTASCHRAOLTYPLHT 60  
Db 1 MAAPKGLWRTQIGLPELILLTALAGSGTASAFDSVLGDTASCHRAOLTYPLHT 60  
Qy 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECESECTEAYSQSDROYACHLCQCNQ 120  
Db 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKLECESECTEAYSQSDROYACHLCQCNQ 120

121 LPFAELROELMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 121 LPFAELROELMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 181 QSKPEIQYAPHELEPTNLRESSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
 181 QSKPEIQYAPHELEPTNLRESSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
 241 ILTTTLVLSVMVLWICCATVATAVEQYVPSSEKLSIYGDLEFVNEOKLNRYPASSLWVVR 300  
 241 ILTTTLVLSVMVLWICCATVATAVEQYVPSSEKLSIYGDLEFVNEOKLNRYPASSLWVVR 300  
 301 SKTEDHEEAGPLTKVLAHSEI 323  
 301 SKTEDHEEAGPLTKVLAHSEI 323  
 RESULT 103  
 ADB36045  
 D ADB36045 standard; protein; 323 AA.  
 X  
 C ADB36045;  
 Y  
 T 04-DEC-2003 (first entry)  
 X  
 S Human PRO polypeptide SEQ ID NO 272.  
 X  
 W Human; PRO; secreted polypeptide; transmembrane polypeptide;  
 W tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
 W cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
 W liver; microvascular endothelial cell; glucose; FFA;  
 W skeletal muscle cell; adipocyte cell; pericyte cell;  
 W inner ear utricular supporting cell; T-lymphocyte cell;  
 W endothelial cell tube formation; bone disorder; cartilage disorder;  
 W sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 W rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;  
 W immune system cell infiltration.  
 X  
 S Homo sapiens.  
 X  
 N US2003077720-A1.  
 X  
 D 24-APR-2003.  
 X  
 F 24-APR-2002; 2002US-00131830.  
 X  
 R 09-DEC-1999; 99US-0170262P.  
 X  
 R 01-DEC-2000; 2000WO-US032678.  
 X  
 R 19-DEC-2001; 2001US-00028072.  
 X  
 C (GETH ) GENENTECH INC.  
 X  
 P Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 P Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 P Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 X  
 DR WPI; 2003-755075/71.  
 DR N-PSDB; ADB36044.  
 X  
 X New isolated, secreted and transmembrane PRO polypeptides and nucleic  
 X acids, useful for the diagnosis, prevention and/or treatment of tumors,  
 X such as lung, colon, breast, prostate, rectal, cervical and/or liver  
 X tumors.  
 X  
 PS Claim 12; Fig 272; 637pp; English.  
 X  
 X The invention relates to isolated human PRO polypeptides (secreted and  
 X transmembrane polypeptides) and the polynucleotides encoding them. The  
 X invention also relates to an antibody which specifically binds to a PRO  
 X polypeptide, a method for stimulating the release of tumour necrosis  
 X factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 X proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 CC polynucleotides are useful in molecular biology, including usas as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 CC be used in preparing PRO polypeptides by recombinant techniques and in  
 CC generating either transgenic animals or knock-out animals which are  
 CC useful in the development and screening of therapeutically useful  
 CC reagents. The PRO polypeptides or antibodies are used in preparing a  
 CC medicament for treating a condition responsive to the polypeptides or  
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
 CC of human microvascular endothelial cells, for modulating the uptake of  
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating differentiation of adipocyte cells, for stimulating  
 CC proliferation of or gene expression in pericyte cells, for stimulating  
 CC the proliferation of inner ear utricular supporting cells and for treating  
 CC cells, for inducing endothelial cell tube formation and for treating  
 CC various bone and/or cartilage disorders such as sports injuries and  
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 CC from cartilage are useful for treating sports-related joint problems,  
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 CC polypeptides are also useful for treating various mammalian haemoglobin-  
 CC associated disorders such as various thalassaemias and conditions which  
 CC may benefit from enhanced local immune system cell infiltration. This  
 CC sequence represents a human PRO polypeptide of the invention. Note: The  
 CC sequence data for this patent is also available in electronic format from  
 CC USPTO at seqdata.uspto.gov/sequence.html.  
 X  
 X  
 SQ Sequence 323 AA;  
 Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. NO. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKGSILWVRLTQLGLPPLMLLTALAGSGSTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
 DB 1 MAAPKGSILWVRLTQLGLPPLMLLTALAGSGSTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
 QY 61 YPKKEEELVACORGCLFISICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
 DB 61 YPKKEEELVACORGCLFISICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
 QY 121 LPFAELROELMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 DB 121 LPFAELROELMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 QY 181 QSKPEIQYAPHELEPTNLRESSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
 DB 181 QSKPEIQYAPHELEPTNLRESSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVMVLWICCATVATAVEQYVPSSEKLSIYGDLEFVNEOKLNRYPASSLWVVR 300  
 DB 241 ILTTTLVLSVMVLWICCATVATAVEQYVPSSEKLSIYGDLEFVNEOKLNRYPASSLWVVR 300  
 QY 301 SKTEDHEEAGPLTKVLAHSEI 323  
 DB 301 SKTEDHEEAGPLTKVLAHSEI 323  
 RESULT 104  
 ADB46440  
 ID ADB46440 standard; protein; 323 AA.  
 X  
 C ADB46440;  
 X  
 X 04-DEC-2003 (first entry)  
 X  
 X Novel human secreted and transmembrane protein PRO195.  
 X  
 X Human; secreted and transmembrane protein; PRO;  
 X Tumour necrosis factor alpha release; TNF-alpha release;  
 X glucose uptake modulator; FFA uptake modulator;  
 X cell proliferation stimulator; cell differentiation stimulator;

cell differentiation inhibitor; cytokine release stimulator; tumour;  
lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
cervical tumour; liver tumour; chromosome mapping; gene mapping;  
gene therapy; chromosome identification; chromosome marker.

Homo sapiens.

US2003082692-A1.

01-MAY-2003.

22-APR-2002; 2002US-00127842.

03-MAR-2000; 2000US-0187202P.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH ) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
WPI; 2003-786906/74.

N-PSDB; ADB46439.

New PRO nucleic acid, useful for preparing a composition for treating  
e.g., tumor or for tissue typing.

Claim 12; Fig 272; 637pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and  
transmembrane) polypeptides (I). (I) is useful for stimulating the  
release of TNF- $\alpha$  from human blood, for modulating the uptake of  
glucose or FFA by skeletal muscle cells or adipocyte cells, for  
stimulating the proliferation or differentiation of chondrocyte cells,  
for stimulating the proliferation of or gene expression in pericyte  
cells, for stimulating the release of proteoglycans from cartilage, for  
stimulating the proliferation of inner ear utricular supporting cells,  
for stimulating the proliferation of T-lymphocyte cells, for stimulating  
the release of a cytokine from PBMC cells, for inhibiting the binding of  
A peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
cells, for stimulating proliferation of endothelial cells, for detecting  
the presence of tumour in a mammal. The tumour is lung, colon, breast,  
prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
are useful for isolating genomic and cDNA nucleotide sequences or  
antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
in assays to identify other proteins or molecules involved in binding  
interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
and gene mapping, in generation of antisense RNA and DNA, in the  
preparation of PRO polypeptide, for generating transgenic animals or  
knockout animals which in turn are useful in the development and  
screening of therapeutically useful reagents, in gene therapy, for  
chromosome identification, as chromosome marker, and for generating  
probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
detecting its expression in specific cells, tissues or serum, and for  
affinity purification of PRO from recombinant cell culture or natural  
sources. (I) and (II) are useful for tissue typing. This is the amino  
acid sequence of a novel human secreted and transmembrane PRO  
polypeptide.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKSLNVRTGLGPPILLTALAGSGGTASAEAFDSVLGDTASCHRAQLFYPLHT 60  
1 MAAPKSLNVRTGLGPPILLTALAGSGGTASAEAFDSVLGDTASCHRAQLFYPLHT 60

61 YPKBEELYACQRCRLFSICQFVDDGIDILNRTKLCEACTRAYSQSDEQYACHLGCQNO 120

Db 61 YPKBEELYACQRCRLFSICQFVDDGIDILNRTKLCEACTRAYSQSDEQYACHLGCQNO 120  
Qy 121 LPFAELRQQLASLMPKMHLLFELTLVRSFWSMDMSAQSFITSSNTFYLQADGKIVIF 180  
Db 121 LPFAELRQQLASLMPKMHLLFELTLVRSFWSMDMSAQSFITSSNTFYLQADGKIVIF 180  
Qy 181 QSKPEIQYAPHLEQEPNLRBSLSQKSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNLRBSLSQKSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 105  
ADC37345  
ID ADC37345 standard; protein; 323 AA.  
XX AC ADC37345;  
XX AC  
XX AC  
DT 18-DEC-2003 (first entry)  
XX DE Nuclear factor kappa B (NF-kappaB) activating protein, SEQ ID 179.  
XX KW Nuclear factor kappa B; NF-kappaB; inflammation; autoimmune disease;  
XX KW cancer; infectious disease; bone disease; AIDS;  
XX KW neurodegenerative disease; ischaemic disorder; Antinflammatory;  
XX KW immunomodulator; Cytostatic; Antimicrobial; Osteopathic; Anti-HIV;  
XX KW Neuroprotective; Nootropic; Cardiant; Gene therapy; human.  
XX OS Homo sapiens.  
XX PN WO2003048202-A2.  
XX PD 12-JUN-2003.  
XX PF 03-DEC-2002; 2002WO-JP012644.  
XX PR 03-DEC-2001; 2001JP-00368692.  
XX PR 05-DEC-2001; 2001US-0335829P.  
XX PR 03-OCT-2002; 2002JP-00291302.  
XX PR 04-OCT-2002; 2002US-0415769P.  
XX PA (ASAH ) ASAH KASEI KK.  
XX PM Matsuda A, Muramatsu S;  
XX PI WPI; 2003-505282/47.  
XX DR N-PSDB; ADC37344.  
XX XX  
XX PT New purified protein that activates nuclear factor kappa B (NF-kappaB),  
XX PT useful for treating inflammation, autoimmune diseases, cancers,  
XX PT infectious diseases, bone diseases, AIDS, neurodegenerative diseases or  
XX PT ischemic disorders.  
XX PS  
XX PS Claim 1; SEQ ID NO 178; 938pp; English.  
XX CC The present invention relates to novel proteins and their coding  
XX CC sequences (ADC37168-ADC37455), which activate nuclear factor kappa B (NF-  
XX CC kappaB). The proteins and their coding sequences are useful for treating  
XX CC a disease associated with NF-kappaB activation, such as inflammation,  
XX CC autoimmune diseases, cancers, infectious diseases, bone diseases, AIDS,  
XX CC neurodegenerative diseases, or ischaemic disorders.

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;

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Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
2Y 1 MAAPKGSILWRTOLGLPPELLLTWALAGSGCTASAEAFDSVLGDTASCHRACOLTYPLHT 60
2b 1 MAAPKGSILWRTOLGLPPELLLTWALAGSGCTASAEAFDSVLGDTASCHRACOLTYPLHT 60
2Y 61 YPKEELVACORGLRSLICQFVDDGIDLNETKLECSACTEAYSQSDQYACHLGCQNG 120
2b 61 YPKEELVACORGLRSLICQFVDDGIDLNETKLECSACTEAYSQSDQYACHLGCQNG 120
2Y 121 LPFAELRQQLMSLMPKXHLFPPLTVLRSFMSDMDSAQSFITSSWTFYQLQADDGKIVIF 180
2b 121 LPFAELRQQLMSLMPKXHLFPPLTVLRSFMSDMDSAQSFITSSWTFYQLQADDGKIVIF 180
2Y 191 QSKPEIQVAPHLRQEPNTLRESSLKMSYLOMRNSQAHNFLEGRSDGFLRCLSLNSGW 240
2b 191 QSKPEIQVAPHLRQEPNTLRESSLKMSYLOMRNSQAHNFLEGRSDGFLRCLSLNSGW 240
2Y 241 ILTTLVLVSVLLWICCATVATAVEQVPSSEKLSIYGDLFPMNQKLNRYPASSIVVVR 300
2b 241 ILTTLVLVSVLLWICCATVATAVEQVPSSEKLSIYGDLFPMNQKLNRYPASSIVVVR 300
2Y 301 SKTEDEHAEAGLPPTKVNLAHSEI 323
2b 301 SKTEDEHAEAGLPPTKVNLAHSEI 323
RESULT 106
ADC43978
ID ADC43978 standard; protein; 323 AA.
AC ADC43978;
XT 18-DEC-2003 (first entry)
DE Human secreted/transmembrane protein, PRO195.
CW Human; secreted protein; transmembrane protein; PRO; cytostatic;
CW ophthalmological; antiarthritic; osteopathic; anti-rheumatic; vulnery;
CW auditory; tumour growth; retinal disorder; sports-related joint problem;
CW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
CW wound healing; hearing loss.
JS Homo sapiens.
XN US2003054986-A1.
XD 20-MAR-2003.
XF 16-OCT-2001; 2001US-00981915.
CX 17-OCT-1997; 97US-0062250P.
CX 03-NOV-1997; 97US-0064249P.
CX 13-NOV-1997; 97US-0065311P.
CX 21-NOV-1997; 97US-0066364P.
CX 10-MAR-1998; 98US-0077450P.
CX 11-MAR-1998; 98US-0077632P.
CX 11-MAR-1998; 98US-0077641P.
CX 11-MAR-1998; 98US-0077649P.
CX 12-MAR-1998; 98US-0077791P.
CX 13-MAR-1998; 98US-0078004P.
CX 17-MAR-1998; 98US-00040220.
CX 20-MAR-1998; 98US-0078886P.
CX 20-MAR-1998; 98US-0078910P.
CX 20-MAR-1998; 98US-0078936P.
CX 20-MAR-1998; 98US-0078939P.
CX 25-MAR-1998; 98US-0079294P.
CX 26-MAR-1998; 98US-0079656P.
CX 27-MAR-1998; 98US-0079663P.
CX 27-MAR-1998; 98US-0079664P.
CX 27-MAR-1998; 98US-0079689P.
CX 27-MAR-1998; 98US-0079728P.
CX 27-MAR-1998; 98US-0079786P.
CX 97US-0062250P.
CX 97US-0064249P.
CX 97US-0065311P.
CX 97US-0066364P.
CX 98US-0077450P.
CX 98US-0077632P.
CX 98US-0077641P.
CX 98US-0077649P.
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CX 98US-0078910P.
CX 98US-0078936P.
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98US-0080105P.
98US-0080107P.
98US-0080165P.
98US-0080194P.
98US-0080327P.
98US-0080328P.
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98US-0081203P.
98US-0081229P.
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98US-0081819P.
98US-0081838P.
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98US-0082796P.
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98US-0087208P.
98US-00105413.
98US-0090863P.
98US-0091010P.
98US-0091359P.
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30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98US-00168978.  
PR 02-OCT-1998; 98WO-US021141.  
PR 07-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-0109304P.  
PR 20-NOV-1998; 98WO-US024855.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 23-DEC-1998; 98US-0113296P.  
PR 05-JAN-1999; 98WO-US000106.  
PR 05-MAR-1999; 98US-00254465.  
PR 08-MAR-1999; 98WO-US005028.  
PR 10-MAR-1999; 98US-00265686.  
PR 12-MAR-1999; 98US-00267213.  
PR 12-MAR-1999; 98US-0123957P.  
PR 29-MAR-1999; 98US-0126773P.  
PR 12-APR-1999; 98US-00284291.  
PR 21-APR-1999; 98US-0130232P.  
PR 26-APR-1999; 98US-0131022P.  
PR 28-APR-1999; 98US-0131445P.  
PR 14-MAY-1999; 98US-00311832.  
PR 14-MAY-1999; 98US-0134287P.  
PR 14-MAY-1999; 98WO-US010733.  
PR 02-JUN-1999; 98WO-US012252.  
PR 16-JUN-1999; 98US-0139557P.  
PR 23-JUN-1999; 98US-0141037P.  
PR 07-JUL-1999; 98US-0142680P.  
PR 26-JUL-1999; 98US-0145698P.  
PR 28-JUL-1999; 98US-0148222P.  
PR 25-AUG-1999; 98US-00380137.  
PR 25-AUG-1999; 98US-00380138.  
PR 25-AUG-1999; 98US-00380142.  
PR 29-OCT-1999; 98US-0162506P.  
PR 30-NOV-1999; 98WO-US028313.  
PR 02-DEC-1999; 98WO-US028551.  
PR 02-DEC-1999; 98WO-US028565.  
PR 16-DEC-1999; 98WO-US030095.  
PR 30-DEC-1999; 98WO-US031243.  
PR 30-DEC-1999; 98WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 05-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 02-MAR-2000; 2000WO-US005004.  
PR 10-MAR-2000; 2000WO-US005841.  
PR 21-MAR-2000; 2000WO-US006319.  
PR 30-MAR-2000; 2000WO-US007532.  
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XX wound healing; hearing loss.  
OS Homo sapiens.  
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PR 01-DEC-2000; 2000WC-US032678.
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PR 25-MAY-2001; 2001WC-US017092.
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PR 01-JUN-2001; 2001WC-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
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KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX wound healing; hearing loss.
OS Homo sapiens.
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DB 241 ILATTLVLSVMVLLNTCCATVATAVQYVPSEKLSIYGDLFPNNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLTKVNLHSEI 323  
DB 301 SKTEDEHEAGPLTKVNLHSEI 323

RESULT 109

ADC66802

ID ADC66802 standard; protein; 323 AA.

XX ADC66802;

AC ADC66802;

XX 18-DEC-2003 (first entry)

DT 18-DEC-2003 (first entry)

XX Human secreted/transmembrane protein, PRO195.  
DE vulnery; viruicide; neuroprotective; cytotatic; gene therapy;  
KW tumour cell proliferation inhibitor;  
KW secreted and transmembrane protein; PRO; viral infection; wound healing;  
KW tissue growth; muscle generation; muscle regeneration;  
KW amytrophic lateral sclerosis; neuropathy; AIDS-associated neuropathy;  
KW diabetic peripheral neuropathy; chromosome identification; antagonist;  
KW tissue typing; immunohistochemical staining.  
OS Homo sapiens.  
XX  
XX US2003060406-A1.  
PN 27-MAR-2003.  
PD  
XX 30-JUL-2001; 2001US-00918585.  
XX 17-OCT-1997; 97US-0062250P.  
XX 13-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 11-NOV-1997; 97US-0065364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-0040220.  
PR 20-MAR-1998; 98US-0078866P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 26-JUN-1998; 98US-00105413.  
PR 07-OCT-1998; 98US-00168978.  
PR 07-OCT-1998; 98US-0021141.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-00202054.  
PR 07-DEC-1998; 98US-00218517.  
PR 22-DEC-1998; 98US-00218517.  
PR 05-JAN-1999; 99US-0000106.  
PR 05-MAR-1999; 99US-00254465.  
PR 08-MAR-1999; 99US-000505028.  
PR 10-MAR-1999; 99US-00265686.  
PR 10-MAR-1999; 99US-0005190.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-MAR-1999; 99US-00284291.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99US-00010733.  
PR 02-JUN-1999; 99US-00012252.  
PR 25-AUG-1999; 99US-00380137.  
PR 25-AUG-1999; 99US-00380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 25-AUG-1999; 99US-00283131.  
PR 02-DEC-1999; 99US-00285551.  
PR 02-DEC-1999; 99US-00285551.  
PR 16-DEC-1999; 99US-00285551.  
PR 30-DEC-1999; 99US-0031243.  
PR 30-DEC-1999; 99US-0031243.  
PR 05-JAN-2000; 2000US-0000219.  
PR 06-JAN-2000; 2000US-0000277.  
PR 06-JAN-2000; 2000US-0000376.  
PR 11-FEB-2000; 2000US-0003565.  
PR 18-FEB-2000; 2000US-0004341.  
PR 24-FEB-2000; 2000US-0005004.  
PR 02-MAR-2000; 2000US-0005841.  
PR 10-MAR-2000; 2000US-0006319.  
PR 21-MAR-2000; 2000US-0007532.  
PR 30-MAR-2000; 2000US-0008439.  
PR 17-MAY-2000; 2000US-0013705.  
PR 22-MAY-2000; 2000US-0014042.  
PR 30-MAY-2000; 2000US-0014941.  
PR 02-JUN-2000; 2000US-0015264.  
PR 28-JUL-2000; 2000US-0020710.  
PR 24-AUG-2000; 2000US-0023328.  
PR 08-NOV-2000; 2000US-0079238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000US-0032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000US-0034856.  
PR 28-FEB-2001; 2001US-0006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001US-0009552.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001US-0017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001US-0017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001US-0019692.  
PR 29-JUN-2001; 2001US-0021066.  
PR 09-JUL-2001; 2001US-0021735.  
XX  
XX (GETH ) GENENTECH INC.  
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
XX Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
XX Stewart TA, Tumas D, Williams PW, Wood WI;  
XX MPI; 2003-596568/56.  
DR N-PSDB; ADC66801.  
XX  
XX Novel secreted and transmembrane polypeptides and polynucleotides  
XX encoding them, useful for treating wound healing, tissue growth and  
XX muscle generation and regeneration, amytrophic lateral sclerosis or  
XX neuropathy.  
XX  
XX Claim 12; SEQ ID NO 330; 472pp; English.  
XX  
XX The invention describes an isolated secreted and transmembrane PRO  
XX polypeptide (I). PRO polypeptide such as PRO213, PRO700, PRO320 or PRO615  
XX is useful in biotechnological and medical research, as well as in various  
XX industrial applications. PRO polypeptide such as PRO300, PRO866, PRO703,  
XX PRO708, PRO320, PRO351, PRO352, PRO381, PRO615, PRO772, PRO853,  
XX PRO860 or PRO846 is useful for therapeutic purposes. PRO363 is useful  
XX therapeutically in vivo for lessening the effects of viral infection.  
XX PRO200 is useful for the treatment of wound healing, tissue growth and  
XX muscle generation and regeneration. PRO337 is useful for treating  
XX amytrophic lateral sclerosis, neuropathy, AIDS-associated neuropathy or  
XX diabetic peripheral neuropathy. A polynucleotide (II) encoding (I) is  
XX useful for generating transgenic animals or knockout animals which are  
XX useful in the development and screening of therapeutically useful  
XX reagents, as probes for generating a pool of sequences for identifying  
XX related PRO coding sequences, and to construct hybridisation probes for  
XX mapping the gene which encodes the PRO and for the genetic analysis of  
XX individuals with genetic disorders, for recombinantly expressing (I) and  
XX for chromosome identification. (I) is useful as molecular marker for  
XX protein electrophoresis purposes, and as therapeutic agents. (II) is also  
XX useful for screening compounds to identify those that mimic the PRO



PR	01-DEC-2000;	2000WO-US032678.	
PR	20-DEC-2000;	2000US-00747259.	
PR	20-DEC-2000;	2000WO-US034956.	
PR	28-FEB-2001;	2001WO-US006520.	
PR	22-MAR-2001;	2001US-00816744.	
PR	22-MAR-2001;	2001US-00816920.	
PR	22-MAR-2001;	2001WO-US009552.	
PR	10-MAY-2001;	2001US-00854208.	
PR	10-MAY-2001;	2001WO-US017092.	
PR	25-MAY-2001;	2001US-00872035.	
PR	01-JUN-2001;	2001WO-US017800.	
PR	05-JUN-2001;	2001US-00874503.	
PR	14-JUN-2001;	2001US-00882636.	
PR	19-JUN-2001;	2001US-00886342.	
PR	20-JUN-2001;	2001WO-US019692.	
PR	29-JUN-2001;	2001WO-US021066.	
PR	09-JUL-2001;	2001WO-US021735.	
PR	30-JUL-2001;	2001US-00918585.	
XX			
PA	(GETH )	GENENTECH INC.	
XX			
XX	Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;		
PI			
	Query Match	100.0%;	Score 1694; DB 7; Length 323;
	Best Local Similarity	100.0%;	Pred. No. 5.5e-167;
	Matches 323; Conservative	0; Mismatches	0; Indels 0; Gaps 0;
QY	1	MAAPKSLWVRTGLPPELLLTMLAGSGTASAEAFDSVLGDTASCHRA	COLTYPLHT 60
DB	1	MAAPKSLWVRTGLPPELLLTMLAGSGTASAEAFDSVLGDTASCHRA	COLTYPLHT 60
QY	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLCE	SACTEAYSQSDEQYACHLG
DB	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLCE	SACTEAYSQSDEQYACHLG
QY	121	LPFAELIQEOLSMIPKPHLLPFLTVRSFWSMDMSAQSPITSSWTFYQ	ADDDGKIVIF 180
DB	121	LPFAELIQEOLSMIPKPHLLPFLTVRSFWSMDMSAQSPITSSWTFYQ	ADDDGKIVIF 180
QY	181	QSKPEIQVAPHELQEPNTLR	ESSLSKMSYLOKRN
DB	181	QSKPEIQVAPHELQEPNTLR	ESSLSKMSYLOKRN
QY	241	ILTTTLVLSTWVLLNWCATVATAVEQYVPSEKLSIYGDLEF	WNEQKLNRYPASSLVVVR 300
DB	241	ILTTTLVLSTWVLLNWCATVATAVEQYVPSEKLSIYGDLEF	WNEQKLNRYPASSLVVVR 300
QY	301	SKTREDHEEAGPLPTKVNIAHSEI	323
DB	301	SKTREDHEEAGPLPTKVNIAHSEI	323
RESULT	111		
ID	ADC62986		
XX	ADC62986	standard; protein; 323 AA.	
AC	ADC62986;		
DT	18-DEC-2003	(first entry)	
DE	Human	secreted/transmembrane protein, PRO195.	
DE	Human;	secreted protein; transmembrane protein; PRO; cytostatic;	
KW	ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;		
KW	auditory; tumour growth; retinal disorder; sports-related joint problem;		
KW	articular cartilage defects; osteoarthritis; rheumatoid arthritis;		
KW	wound healing; hearing loss.		
OS	Homo sapiens.		
XX	US2003069548-A1.		
PN			
XX			

RESULT 111	
ADC62986	
ID	ADC62986 standard; protein; 323 AA.
XX	
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XX	ADC62986;
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XX	
XX	18-DEC-2003 (first entry)
XX	
XX	Human secreted/transmembrane protein, PRO195.
XX	
XX	Human; secreted protein; transmembrane protein; PRO; cytostatic;
XX	ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;
XX	auditory; tumour growth; retinal disorder; sports-related joint problem;
XX	articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX	wound healing; hearing loss.
XX	
OS	Homo sapiens.
XX	
XX	
PN	US2003068548-A1.
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XX	

PD	10-APR-2003.	
XX	25-OCT-2001; 2001US-00013921.	
XX	17-OCT-1997; 97US-0062250P.	
PR	03-NOV-1997; 97US-0084249P.	
PR	13-NOV-1997; 97US-0065311P.	
PR	21-NOV-1997; 97US-0066364P.	
PR	10-MAR-1998; 98US-0077450P.	
PR	11-MAR-1998; 98US-0077632P.	
PR	11-MAR-1998; 98US-0077641P.	
PR	11-MAR-1998; 98US-0077649P.	
PR	12-MAR-1998; 98US-0077791P.	
PR	12-MAR-1998; 98US-0078004P.	
PR	20-MAR-1998; 98US-0078886P.	
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PR	20-MAR-1998; 98US-0078939P.	
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PR	26-MAR-1998; 98US-0079656P.	
PR	27-MAR-1998; 98US-0079663P.	
PR	27-MAR-1998; 98US-0079664P.	
PR	27-MAR-1998; 98US-0079689P.	
PR	27-MAR-1998; 98US-0079728P.	
PR	27-MAR-1998; 98US-0079786P.	
PR	30-MAR-1998; 98US-0079920P.	
PR	30-MAR-1998; 98US-0079923P.	
PR	31-MAR-1998; 98US-0080103P.	
PR	31-MAR-1998; 98US-0080107P.	
PR	31-MAR-1998; 98US-0080165P.	
PR	31-MAR-1998; 98US-0080194P.	
PR	01-APR-1998; 98US-0080327P.	
PR	01-APR-1998; 98US-0080328P.	
PR	01-APR-1998; 98US-0080333P.	
PR	01-APR-1998; 98US-0080334P.	
PR	08-APR-1998; 98US-0081049P.	
PR	08-APR-1998; 98US-0081070P.	
PR	08-APR-1998; 98US-0081071P.	
PR	09-APR-1998; 98US-0081195P.	
PR	09-APR-1998; 98US-0081203P.	
PR	09-APR-1998; 98US-0081229P.	
PR	15-APR-1998; 98US-0081817P.	
PR	15-APR-1998; 98US-0081819P.	
PR	15-APR-1998; 98US-0081838P.	
PR	15-APR-1998; 98US-0081952P.	
PR	15-APR-1998; 98US-0081955P.	
PR	21-APR-1998; 98US-0082568P.	
PR	21-APR-1998; 98US-0082569P.	
PR	22-APR-1998; 98US-0082700P.	
PR	22-APR-1998; 98US-0082704P.	
PR	22-APR-1998; 98US-0082797P.	
PR	23-APR-1998; 98US-0082804P.	
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PR	27-APR-1998; 98US-0083336P.	
PR	28-APR-1998; 98US-0083322P.	
PR	29-APR-1998; 98US-0083329P.	
PR	29-APR-1998; 98US-0083495P.	
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PR	29-APR-1998; 98US-0083559P.	
PR	30-APR-1998; 98US-0083742P.	
PR	05-MAY-1998; 98US-0084366P.	
PR	06-MAY-1998; 98US-0084414P.	
PR	06-MAY-1998; 98US-0084441P.	
PR	07-MAY-1998; 98US-0084598P.	
PR	07-MAY-1998; 98US-0084600P.	
PR	07-MAY-1998; 98US-0084627P.	
PR	07-MAY-1998; 98US-0084637P.	
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PR	07-MAY-1998; 98US-0084640P.	
PR	07-MAY-1998; 98US-0084643P.	
PR	13-MAY-1998; 98US-0085323P.	
PR	13-MAY-1998; 98US-0085339P.	
PR	15-MAY-1998; 98US-0085573P.	
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PR	15-MAY-1998; 98US-0085580P.	
PR	15-MAY-1998; 98US-0085582P.	
PR	15-MAY-1998; 98US-0085689P.	
PR	15-MAY-1998; 98US-0085697P.	
PR	15-MAY-1998; 98US-0085700P.	
PR	15-MAY-1998; 98US-0085704P.	
PR	18-MAY-1998; 98US-0086023P.	
PR	22-MAY-1998; 98US-0086392P.	
PR	22-MAY-1998; 98US-0086414P.	
PR	22-MAY-1998; 98US-0086430P.	
PR	22-MAY-1998; 98US-0086486P.	
PR	28-MAY-1998; 98US-0087098P.	
PR	28-MAY-1998; 98US-0087106P.	
PR	28-MAY-1998; 98US-0087208P.	
PR	26-JUN-1998; 98US-0090863P.	
PR	26-JUN-1998; 98US-0091010P.	
PR	01-JUL-1998; 98US-0091359P.	
PR	30-JUL-1998; 98US-0094651P.	
PR	11-SEP-1998; 98US-0100038P.	
PR	07-OCT-1998; 98WO-US021141.	
PR	20-NOV-1998; 98US-0109304P.	
PR	20-NOV-1998; 98WO-US024855.	
PR	22-DEC-1998; 98US-0113296P.	
PR	23-DEC-1998; 98US-0113621P.	
PR	05-JAN-1999; 99WO-US000106.	
PR	08-MAR-1999; 99WO-US005028.	
PR	10-MAR-1999; 99WO-US005190.	
PR	12-MAR-1999; 99US-0123957P.	
PR	29-MAR-1999; 99US-0126773P.	
PR	21-APR-1999; 99US-0130232P.	
PR	26-APR-1999; 99US-0131022P.	
PR	28-APR-1999; 99US-0131445P.	
PR	14-MAY-1999; 99US-0134287P.	
PR	14-MAY-1999; 99WO-US010713.	
PR	02-JUN-1999; 99WO-US012252.	
PR	16-JUN-1999; 99US-0139557P.	
PR	30-NOV-1999; 99WO-US028313.	
PR	02-DEC-1999; 99WO-US028551.	
PR	02-DEC-1999; 99WO-US028565.	
PR	16-DEC-1999; 99WO-US030095.	
PR	30-DEC-1999; 99WO-US031243.	
PR	30-DEC-1999; 99WO-US031274.	
PR	05-JAN-2000; 2000WO-US000219.	
PR	06-JAN-2000; 2000WO-US000277.	
PR	11-FEB-2000; 2000WO-US000376.	
PR	18-FEB-2000; 2000WO-US003565.	
PR	24-FEB-2000; 2000WO-US004341.	
PR	02-MAR-2000; 2000WO-US005004.	
PR	10-MAR-2000; 2000WO-US006319.	
PR	21-MAR-2000; 2000WO-US007532.	
PR	30-MAR-2000; 2000WO-US008439.	
PR	17-MAY-2000; 2000WO-US013705.	
PR	22-MAY-2000; 2000WO-US014042.	
PR	30-MAY-2000; 2000WO-US014941.	
PR	02-JUN-2000; 2000WO-US015264.	
PR	28-JUL-2000; 2000WO-US020710.	
PR	24-AUG-2000; 2000WO-US023328.	
PR	01-DEC-2000; 2000WO-US032678.	
PR	20-DEC-2000; 2000WO-US034956.	
PR	28-FEB-2001; 2001WO-US006520.	
PR	22-MAR-2001; 2001WO-US009552.	
PR	25-MAY-2001; 2001WO-US017092.	
PR	01-JUN-2001; 2001WO-US017800.	
PR	20-JUN-2001; 2001WO-US019692.	
PR	29-JUN-2001; 2001WO-US021066.	
PR	09-JUL-2001; 2001WO-US021735.	

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PR 30-JUL-2001; 2001US-00918585.
XX (GETH ) GENENTECH INC.
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NP, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-695924/66.
DR N-PSDB; ADC62985.
XX
XX New isolated secreted and transmembrane PRO polypeptides, useful in the
PT preparation of a medicament for treating a condition responsive to the
PT polypeptide, and as therapeutic agents e.g. vaccines.
XX
XX Claim 12; SEQ ID NO 330; 467pp; English.
XX
XX The invention relates to an isolated PRO polypeptide (secreted or
CC transmembrane protein) having at least 80% amino acid sequence identity
CC to an amino acid sequence chosen from 94 fully defined sequences as given
CC in the specification (including PRO lacking its associated signal
CC peptide), a PRO extracellular domain with or without its associated signal
CC peptide). Also included are nucleic acids encoding the PRO proteins
CC mentioned above, a vector comprising a PRO nucleic acid), a host cell
CC comprising the vector and producing PRO, a chimeric molecule comprising
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337
CC polypeptide. PRO700 or PRO739 polypeptide is useful for detecting
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
CC
Query Match 100.0%; Score 1694; DB 7; Length 323;
Best Local Similarity 100.0%; Pred. No. 5.5e-167;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKSLWVRLTGLPPLLITMALAGSGTASAEAPDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKSLWVRLTGLPPLLITMALAGSGTASAEAPDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKTLCEESACTEAYSQSDQVACHLGCQNQ 120
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKTLCEESACTEAYSQSDQVACHLGCQNQ 120
QY 121 LPFABLRQEQMLMPKPHLLPPLTLVRSPFMDMDMSAQSFITTSWTFYLOADDGKIVIF 180
DB 121 LPFABLRQEQMLMPKPHLLPPLTLVRSPFMDMDMSAQSFITTSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLOQNSQAHNRFLEDGESDGFRLCLSLNSGW 240
DB 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLOQNSQAHNRFLEDGESDGFRLCLSLNSGW 240
QY 241 ILFTTLVLSVWMLLCCATVATVEQYVPSEKLSYIGDLEFWMNOKLNRYPASSLWVR 300
DB 241 ILFTTLVLSVWMLLCCATVATVEQYVPSEKLSYIGDLEFWMNOKLNRYPASSLWVR 300
QY 301 SKTDEHEEAGFLPTKYNLAHSEI 323
DB 301 SKTDEHEEAGFLPTKYNLAHSEI 323
RESULT 112
ADC68051
ID ADC68051 standard; protein; 323 AA.
XX AC ADC68051;
XX AC
XX DT 18-DEC-2003 (first entry)

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XX DE
XX Human secreted/transmembrane protein, PRO195.
XX Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
XX Homo sapiens.
XX US2003069178-A1.
XX
XX 10-APR-2003.
XX
XX 16-OCT-2001; 2001US-00978423.
XX
XX 17-OCT-1997; 97US-0062250P.
XX 03-NOV-1997; 97US-0064249P.
XX 13-NOV-1997; 97US-0065311P.
XX 21-NOV-1997; 97US-0066364P.
XX 10-MAR-1998; 98US-0077450P.
XX 11-MAR-1998; 98US-0077632P.
XX 11-MAR-1998; 98US-0077641P.
XX 11-MAR-1998; 98US-0077649P.
XX 12-MAR-1998; 98US-0077791P.
XX 13-MAR-1998; 98US-0078004P.
XX 20-MAR-1998; 98US-0078886P.
XX 20-MAR-1998; 98US-0078910P.
XX 20-MAR-1998; 98US-0078936P.
XX 20-MAR-1998; 98US-0078939P.
XX 25-MAR-1998; 98US-0079294P.
XX 26-MAR-1998; 98US-0079656P.
XX 27-MAR-1998; 98US-0079663P.
XX 27-MAR-1998; 98US-0079664P.
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 PR 10-MAR-2000; 2000WO-US006319.

PR 21-MAR-2000; 2000WO-US007532.  
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 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kijavini IJ, Kuo SS, Napier WA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX  
 DR WPI; 2003-657582/62.  
 DR N-PSDB; ADC68050.  
 XX  
 PT Novel secreted and transmembrane polypeptides, designated PRO  
 PT polypeptides, and polynucleotides encoding them useful for treating  
 PT kidney diseases, bone, cartilage and retinal disorders.  
 XX  
 PS Claim 12; SEQ ID NO 330; 468pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or  
 CC transmembrane protein) having at least 80% amino acid sequence identity  
 CC to an amino acid sequence chosen from 94 fully defined sequences as given  
 CC in the specification (including PRO lacking its associated signal  
 CC peptide, a PRO extracellular domain with or without its associated signal  
 CC peptide). Also included are nucleic acids encoding the PRO proteins  
 CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
 CC comprising the vector and producing PRO, a chimaeric molecule comprising  
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
 CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
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 XX DT 18-DEC-2003 (first entry)  
 XX DE Human secreted/transmembrane protein, PRO195.  
 XX KW Human, secreted protein; transmembrane protein; PRO; cytostatic;  
 KW opthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;  
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 KW wound healing; hearing loss.  
 XX OS Homo sapiens.  
 XX FN US2003072745-A1.  
 XX PD 17-APR-2003.  
 XX DT 25-OCT-2001; 2001US-00013929.  
 XX PR 17-OCT-1997; 97US-0062250P.  
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 PR 20-JUN-2001; 2001WO-US019692.  
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 PR 09-JUL-2001; 2001WO-US021735.  
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 XX (GETH ) GENENTECH INC.  
 PI Ashkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX WPI; 2003-743806/70.  
 DR N-PSDB; ADC41370.

Novel isolated secreted and transmembrane PRO polypeptides, useful in the preparation of a medicament for treating a condition responsive to the polypeptide, and as therapeutic agents e.g. vaccines.

Claim 12; SEQ ID NO 330; 466pp; English.

The invention relates to an isolated PRO polypeptide (secreted or transmembrane protein) having at least 80% amino acid sequence identity to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide in a sample suspected of containing PRO4993 polypeptide.

Query Match 100.0%; Score 1694; DB 7; Length 323;  
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Db 61 YPKKEELYACQRCGLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQMQ 120  
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 AC ADC67426;  
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 XX 18-DEC-2003 (first entry)  
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 KW vulnary; virucide; neuroprotective; cytostatic; gene therapy;  
 KW tumour cell proliferation inhibitor;  
 KW secreted and transmembrane protein; PRO; viral infection; wound healing;  
 KW tissue growth; muscle generation; muscle regeneration;  
 KW amyotrophic lateral sclerosis; neuropathy; AIDS-associated neuropathy;  
 KW diabetic peripheral neuropathy; chromosome identification; antagonist;  
 KW tissue typing; immunohistochemical staining.  
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 OS  
 XX US2003073131-A1.  
 PN  
 XX 17-APR-2003.  
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 XX 17-OCT-1997; 97US-0062250P.  
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 PR 21-APR-1998; 98US-0082568P.  
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(GETH ) GENENTECH INC.

Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
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 Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NP, Roy MA, Stewart TA,  
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WPI: 2003-743810/70.

N-PSDB; ADCG7425.

Novel isolated secreted and transmembrane PRO polypeptides, useful in the preparation of a medicament for treating a condition responsive to the polypeptide, and as therapeutic agents e.g. vaccines.

Claim 12; SEQ ID NO 330; 464pp; English.

The invention describes an isolated secreted and transmembrane PRO polypeptide (I). PRO polypeptide such as PRO113, PRO700, PRO320 or PRO615 is useful in biotechnological and medical research, as well as in various industrial applications. PRO polypeptide such as PRO300, PRO866, PRO703, PRO709, PRO320, PRO351, PRO352, PRO618, PRO772, PRO853, PRO860 or PRO846 is useful for therapeutic purposes. PRO363 is useful therapeutically in vivo for lessening the effects of viral infection.

C PRO200 is useful for the treatment of wound healing, tissue growth and  
C muscle generation and regeneration. PRO337 is useful for treating

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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301 SKTEDHEAGPLPTKVNLAHSEI 323  
301 SKTEDHEAGPLPTKVNLAHSEI 323

## RESULT 115

ADC62362 standard; protein; 323 AA.

CX AC ADC62362;  
CX AC Human secreted/transmembrane protein, PRO195.  
CX AC Human; secreted protein; transmembrane protein; PRO; cytostatic;  
CX AC ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
CX AC auditory; tumour growth; retinal disorder; sports-related joint problem;  
CX AC articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
CX AC wound healing; hearing loss.  
CX AC Homo sapiens.  
CX AC US2003073624-A1.  
CX AC 17-APR-2003.  
CX AC 15-OCT-2001; 2001US-00978193.  
CX AC 17-OCT-1997; 97US-0062250P.  
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CX AC 13-NOV-1997; 97US-0065311P.  
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CX AC 10-MAR-1998; 98US-0077450P.  
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CX AC 26-MAR-1998; 98US-0079656P.

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PR 25-AUG-1999; 99US-00380142.  
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PR 02-DEC-1999; 99WO-US028551.  
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PR 22-MAY-2000; 2000WO-US014042.





QY 301 SKTEDEHAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDEHAGPLPTKVNLAHSEI 323

## RESULT 119

ADCS59839  
 ID ADCS59839 standard; protein; 323 AA.

XX AC ADCS59839;

DT 18-DEC-2003 (first entry)  
 XX

DE Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO; secreted polypeptide;  
 KW transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;  
 KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;  
 KW rectum; kidney; carvix; liver; microvascular endothelial cell;  
 KW glucose uptake modulator; FFA uptake modulator; cell proliferation;  
 KW cell differentiation; skeletal muscle cell; adipocyte cell;  
 KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;  
 KW endothelial cell tube formation; bone disorder; cartilage disorder;  
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;  
 KW immune system cell infiltration; chromosome mapping; gene mapping;  
 KW gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.

OS US2003092105-A1.

XX 15-MAY-2003.

XX 24-APR-2002; 2002US-00131821.

XX 09-DEC-1999; 99US-0170262P.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GENTECH INC.

XX Baker KP, Beresini M, DeForge L, Desnoyers L, Pilvaroff E, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski FJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WT, Zhang Z;

XX WPI: 2003-801170/75.

DR N-PSDB; ADCS59838.

XX New secreted and transmembrane nucleic acids and polypeptides, designated  
 PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,  
 PT cardiac injury, infertility, birth defects, premature aging, AIDS, or  
 PT cancer.

XX Claim 12, Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the polynucleotides encoding them. The  
 CC invention also relates to an antibody which specifically binds to a PRO  
 CC polypeptide, a method for stimulating the release of tumour necrosis  
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 CC proliferation or differentiation of chondrocyte cells and a method for  
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 CC polynucleotides are useful in molecular biology, including uses as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 CC be used in preparing PRO polypeptides by recombinant techniques and in  
 CC generating either transgenic animals or knock-out animals which are  
 CC useful in the development and screening of therapeutically useful  
 CC reagents. The PRO polypeptides or antibodies are used in preparing a  
 CC medicament for treating a condition responsive to the polypeptides or  
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of  
 CC glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte  
 CC cells, for stimulating differentiation of adipocyte cells, for  
 CC stimulating proliferation of or gene expression in pericyte cells, for  
 CC stimulating the proliferation of inner ear utricular supporting cells or  
 CC T-lymphocyte cells, for inducing endothelial cell tube formation and for  
 CC treating various bone and/or cartilage disorders such as sports injuries  
 CC and arthritis. PRO polypeptides which stimulate the release of  
 CC proteoglycans from cartilage are useful for treating sports-related joint  
 CC problems, articular cartilage defects, osteoarthritis and rheumatoid  
 CC arthritis. PRO polypeptides are also useful for treating various  
 CC mammalian haemoglobin-associated disorders such as various thalassemias  
 CC and conditions which may benefit from enhanced local immune system cell  
 CC infiltration. This sequence represents a human PRO polypeptide of the  
 CC invention. Note: The sequence data for this patent is also available in  
 CC electronic format from USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
 Matches 323; Conservative 0; Mismatches 0;

QY 1 MAAPKGSLLWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Db 1 MAAPKGSLLWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKBEELVACQRCGLPSTICQPVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCCNQ 120

Db 61 YPKBEELVACQRCGLPSTICQPVDDGIDLNRTKLECEACTEAYSQSDEQYACHLGCCNQ 120

QY 121 LPPAEILRQQLMSLMPKMHLLPPLTLVRSFMSDMDSQAQSFITTSWTFYLQADGKIYIF 180

Db 121 LPPAEILRQQLMSLMPKMHLLPPLTLVRSFMSDMDSQAQSFITTSWTFYLQADGKIYIF 180

QY 181 QSKPEIQYAPHLEQEPFNLRSSLSKMSYLOHNSQAHNFLEDSGDFLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPFNLRSSLSKMSYLOHNSQAHNFLEDSGDFLRCLSLNSGW 240

QY 241 ILTTTLVLSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYFASLVVVR 300

Db 241 ILTTTLVLSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYFASLVVVR 300

QY 301 SKTEDEHAGPLPTKVNLAHSEI 323

Db 301 SKTEDEHAGPLPTKVNLAHSEI 323

## RESULT 120

ADCS2846

ID ADCS2846 standard; protein; 323 AA.

XX AC ADCS2846;

XX 18-DEC-2003 (first entry)

XX DE Novel human secreted and transmembrane protein Seq ID272.

XX human; PRO; membrane bound protein; membrane bound receptor;  
 KW cell proliferation; cell migration; cell differentiation;  
 KW mitogenic factor; survival factor; cytotoxic factor;  
 KW differentiation factor; neurotrophin; hormone; cell receptor;  
 KW receptor-ligand interaction; cytostatic; chondrocyte; tumour.

XX Homo sapiens.

OS US2003087365-A1.

XX 08-MAY-2003.

XX 23-APR-2002; 2002US-00128689.

XX 31-MAR-1997; 97WO-US0005230.



98WO-US012456.  
 98WO-US014552.  
 98WO-US017888.  
 98WO-US018824.  
 98WO-US019093.  
 98WO-US019094.  
 98WO-US019177.  
 98WO-US019330.  
 98WO-US019437.  
 98WO-US021141.  
 98WO-US022991.  
 98WO-US022992.  
 98WO-US024855.  
 98WO-US025108.  
 98WO-US000106.  
 98WO-US005028.  
 98WO-US005190.  
 2000WO-US006319.  
 98WO-US008615.  
 98WO-US010733.  
 98WO-US012252.  
 98WO-US020111.  
 98WO-US020594.  
 98WO-US020944.  
 98WO-US021090.  
 98WO-US021547.  
 98WO-US023089.  
 98WO-US028214.  
 98WO-US028313.  
 98WO-US028409.  
 98WO-US028301.  
 98WO-US028634.  
 98WO-US028551.  
 98WO-US028564.  
 98WO-US028565.  
 98WO-US030911.  
 98WO-US030911.  
 98WO-US030999.  
 98WO-US031243.  
 98WO-US031274.  
 2000WO-US000219.  
 2000WO-US000277.  
 2000WO-US000376.  
 2000WO-US003565.  
 2000WO-US004341.  
 2000WO-US004342.  
 2000WO-US004414.  
 2000WO-US004914.  
 2000WO-US005004.  
 2000WO-US005501.  
 2000WO-US005746.  
 2000WO-US005941.  
 2000WO-US006884.  
 2000WO-US007377.  
 2000WO-US007332.  
 2000WO-US008439.  
 2000WO-US013705.  
 2000WO-US014042.  
 2000WO-US014941.  
 2000WO-US015264.  
 2000WO-US020710.  
 2000WO-US022031.  
 2000WO-US023522.  
 2000WO-US023328.  
 2000WO-US030952.  
 2000WO-US030873.  
 2000WO-US032678.  
 2000US-00747259.  
 2000WO-US034956.  
 2001US-00796498.  
 2001WO-US006520.  
 2001WO-US006656.

PR 09-MAR-2001; 2001US-00802706.  
 PR 14-MAR-2001; 2001US-00806689.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 05-APR-2001; 2001US-00828366.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 10-MAY-2001; 2001US-00854280.  
 PR 18-MAY-2001; 2001US-00860216.  
 PR 25-MAY-2001; 2001US-00866028.  
 PR 25-MAY-2001; 2001US-00866034.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 05-JUN-2001; 2001US-00874503.  
 PR 14-JUN-2001; 2001US-00882636.  
 PR 19-JUN-2001; 2001US-00886342.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 21-JUN-2001; 2001US-00887879.  
 PR 22-JUN-2001; 2001WO-US020116.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 18-JUL-2001; 2001US-00908827.  
 PR 06-AUG-2001; 2001US-00924419.  
 PR 09-AUG-2001; 2001US-00927796.  
 PR 16-AUG-2001; 2001US-00931836.  
 PR 19-DEC-2001; 2001US-00028072.  
 XX  
 PA (GETH ) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 WPI; 2003-801150/75.  
 N-PSDB; ADC52845.

New PRO nucleic acid, useful for manufacturing a medicament for  
 diagnosing or treating tumor.

Claim 1; SEQ ID NO 272; 637bp; English.

This invention relates to novel nucleic acids encoding human PRO secreted  
 and transmembrane proteins. Extracellular proteins play important roles  
 in the formation, differentiation and maintenance of multicellular  
 organisms. The fate of many individual cells (for example proliferation,  
 migration or differentiation) is typically governed by information  
 received from other cells and the immediate environment. The information  
 is often transmitted by secreted polypeptides (for example mitogenic  
 factors, survival factors, cytotoxic factors, differentiation factors,  
 neuropeptides and hormones) which are received and interpreted by diverse  
 cell receptors or membrane bound proteins. These membrane bound proteins  
 and receptors may be of use as pharmaceutical and diagnostic agents, such  
 as in the blocking of receptor-ligand interactions. The current invention  
 provides the amino acid sequences of novel human membrane bound receptors  
 and proteins, along with the cDNA sequences encoding them. The novel  
 proteins of the invention may have cytostatic activities through the  
 stimulation of chondrocytes. The nucleic acids of the invention may be  
 useful for the manufacture of a medicament for diagnosing or treating a  
 tumor in a mammal. In addition, they may be useful for measuring or  
 detecting the expression of a tumor associated gene. The present  
 sequence is the amino acid sequence of a human PRO protein of the  
 invention.

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVVTGLPPLILLTMAAGSGGTASAFDSVLGDTASCHRACTLYPLHT 60

DB 1 MAAPKSLWVVTGLPPLILLTMAAGSGGTASAFDSVLGDTASCHRACTLYPLHT 60

QY 61 YPKKEELYACQRCGRIFSIQCFVDDGIDLNRTKLECSACTEAYSQSDSEQYACHLGQMQ 120

Db 61 YPKBEELYACQGCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQFACHLGQCNQ 120  
QY 121 LPFAELRQQLMSLMPKPMHLLPFLTLVRSFMSDMDSAQSPITTSWTFYLAQDDGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKPMHLLPFLTLVRSFMSDMDSAQSPITTSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLQNRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLQNRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 121

ADC57200

ID ADC57200 standard; protein; 323 AA.

XX AC ADC57200;

XX DT 18-DEC-2003 (first entry)

XX DE Novel human secreted and transmembrane protein Seq ID272.

XX KW human; PRO; membrane bound protein; membrane bound receptor;

XX KW cell proliferation; cell migration; cell differentiation;

XX KW mitogenic factor; survival factor; cytotoxic factor;

XX KW differentiation factor; neuropeptide; hormone; cell receptor;

XX KW receptor-ligand interaction; cytostatic; chondrocyte; tumour.

XX OS Homo sapiens.

XX SS US2003087366-A1.

XX PN 08-MAY-2003.

XX PD 23-APR-2002; 2002US-00128694.

XX PR 02-MAR-2000; 2000WO-US005841.

XX PR 30-MAY-2000; 2000WO-US014941.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH ) GENENTECH INC.

XX PI Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;

XX PI Gerritsen ME, Goddard A, Godowski P, Gurney AL, Sherwood S;

XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX PI WPI; 2003-801151/75.

XX DR N-PSDB; ADC57199.

XX PT New PRO nucleic acid, useful for manufacturing a medicament for

XX PT diagnosing or treating tumor.

XX PS Claim 1; SEQ ID NO 272; 637pp; English.

XX CC This invention relates to novel nucleic acids encoding human PRO secreted

XX CC and transmembrane proteins. Extracellular proteins play important roles

XX CC in the formation, differentiation and maintenance of multicellular

XX CC organisms. The fate of many individual cells (for example proliferation,

XX CC migration or differentiation) is typically governed by information

XX CC received from other cells and the immediate environment. The information

XX CC is often transmitted by secreted polypeptides (for example mitogenic

XX CC factors, survival factors, cytotoxic factors, differentiation factors,

XX CC neuropeptides and hormones), which are received and interpreted by diverse

XX CC cell receptors or membrane bound proteins. These membrane bound proteins

CC and receptors may be of use as pharmaceutical and diagnostic agents, such  
as in the blocking of receptor-ligand interactions. The current invention  
provides the amino acid sequences of novel human membrane bound receptors  
and proteins, along with the cDNA sequences encoding them. The novel  
CC proteins of the invention may have cytostatic activities through the  
stimulation of chondrocytes. The nucleic acids of the invention may be  
useful for the manufacture of a medicament for diagnosing or treating a  
tumour in a mammal. In addition, they may be useful for measuring or  
detecting the expression of a tumour associated gene. The present  
invention is the amino acid sequence of a human PRO protein of the  
XX invention.

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;

QY 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSLSWVRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQGCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQFACHLGQCNQ 120  
Db 61 YPKBEELYACQGCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQFACHLGQCNQ 120  
QY 121 LPFAELRQQLMSLMPKPMHLLPFLTLVRSFMSDMDSAQSPITTSWTFYLAQDDGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKPMHLLPFLTLVRSFMSDMDSAQSPITTSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLQNRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLQNRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 122

ADC60391

ID ADC60391 standard; protein; 323 AA.

XX AC ADC60391;

XX DT 18-DEC-2003 (first entry)

XX DE Novel human secreted and transmembrane protein PRO195.

XX KW Human; secreted and transmembrane protein; PRO; secreted polypeptide;

XX KW transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;

XX KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;

XX KW rectum; kidney; cervix; liver; microvascular endothelial cell;

XX KW glucose uptake modulator; PFA uptake modulator; cell proliferation;

XX KW cell differentiation; skeletal muscle cell; adipocyte cell;

XX KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;

XX KW endothelial cell tube formation; bone disorder; cartilage disorder;

XX KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;

XX KW immune system cell infiltration; chromosome mapping; gene mapping;

XX KW gene therapy; chromosome identification; chromosome marker.

XX OS Homo sapiens.

XX US2003087367-A1.

XX PD 08-MAY-2003.

XX PF 24-APR-2002; 2002US-00131825.

CX 31-MAR-1997; 99WO-US005230.  
 PR 12-JUN-1998; 98WO-US012456.  
 PR 28-AUG-1998; 98WO-US014552.  
 PR 10-SEP-1998; 98WO-US017888.  
 PR 14-SEP-1998; 98WO-US018824.  
 PR 14-SEP-1998; 98WO-US019093.  
 PR 14-SEP-1998; 98WO-US019177.  
 PR 16-SEP-1998; 98WO-US019130.  
 PR 17-SEP-1998; 98WO-US019437.  
 PR 07-OCT-1998; 98WO-US021141.  
 PR 29-OCT-1998; 98WO-US022991.  
 PR 29-OCT-1998; 98WO-US022992.  
 PR 20-NOV-1998; 98WO-US024855.  
 PR 01-DEC-1998; 98WO-US025108.  
 PR 05-JAN-1999; 99WO-US000106.  
 PR 08-MAR-1999; 99WO-US005028.  
 PR 10-MAR-1999; 99WO-US005190.  
 PR 10-MAR-1999; 99WO-US006319.  
 PR 20-APR-1999; 99WO-US008615.  
 PR 14-MAY-1999; 99WO-US010733.  
 PR 02-JUN-1999; 99WO-US012252.  
 PR 01-SEP-1999; 99WO-US020111.  
 PR 08-SEP-1999; 99WO-US020594.  
 PR 13-SEP-1999; 99WO-US020944.  
 PR 15-SEP-1999; 99WO-US021090.  
 PR 15-SEP-1999; 99WO-US021547.  
 PR 05-OCT-1999; 99WO-US023089.  
 PR 29-NOV-1999; 99WO-US028214.  
 PR 30-NOV-1999; 99WO-US028313.  
 PR 30-NOV-1999; 99WO-US028409.  
 PR 01-DEC-1999; 99WO-US028301.  
 PR 01-DEC-1999; 99WO-US028634.  
 PR 02-DEC-1999; 99WO-US028551.  
 PR 02-DEC-1999; 99WO-US028564.  
 PR 02-DEC-1999; 99WO-US028565.  
 PR 16-DEC-1999; 99WO-US030095.  
 PR 20-DEC-1999; 99WO-US030911.  
 PR 20-DEC-1999; 99WO-US030999.  
 PR 22-DEC-1999; 99WO-US030720.  
 PR 30-DEC-1999; 99WO-US031243.  
 PR 30-DEC-1999; 99WO-US031274.  
 PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 06-JAN-2000; 2000WO-US000376.  
 PR 11-FEB-2000; 2000WO-US003365.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 18-FEB-2000; 2000WO-US004342.  
 PR 22-FEB-2000; 2000WO-US004414.  
 PR 24-FEB-2000; 2000WO-US004914.  
 PR 24-FEB-2000; 2000WO-US005004.  
 PR 01-MAR-2000; 2000WO-US005601.  
 PR 02-MAR-2000; 2000WO-US005746.  
 PR 02-MAR-2000; 2000WO-US005841.  
 PR 15-MAR-2000; 2000WO-US006884.  
 PR 20-MAR-2000; 2000WO-US007377.  
 PR 21-MAR-2000; 2000WO-US007532.  
 PR 30-MAR-2000; 2000WO-US008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-JUN-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 11-AUG-2000; 2000WO-US022031.  
 PR 23-AUG-2000; 2000WO-US023522.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 08-NOV-2000; 2000WO-US030952.  
 PR 10-NOV-2000; 2000WO-US030873.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000WO-US0347259.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001US-00796498.

PR 28-FEB-2001; 2001WO-US006520.  
 PR 01-MAR-2001; 2001WO-US006566.  
 PR 09-MAR-2001; 2001US-00802706.  
 PR 14-MAR-2001; 2001US-00809689.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 05-APR-2001; 2001US-00828366.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 10-MAY-2001; 2001US-00854280.  
 PR 18-MAY-2001; 2001US-00860216.  
 PR 25-MAY-2001; 2001US-00866028.  
 PR 25-MAY-2001; 2001US-00866034.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 05-JUN-2001; 2001WO-US017800.  
 PR 14-JUN-2001; 2001US-00874503.  
 PR 19-JUN-2001; 2001US-00882636.  
 PR 20-JUN-2001; 2001US-00886342.  
 PR 21-JUN-2001; 2001WO-US019692.  
 PR 21-JUN-2001; 2001US-00887879.  
 PR 22-JUN-2001; 2001WO-US020116.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 18-JUL-2001; 2001US-00908827.  
 PR 06-AUG-2001; 2001US-00924419.  
 PR 09-AUG-2001; 2001US-00927756.  
 PR 16-AUG-2001; 2001US-00931836.  
 PR 19-DEC-2001; 2001US-00028072.

(GETH) GENENTECH INC.

Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
 Gerritsen MS, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-801152/75.

N-PSDB; ABC60390.

New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide and for manufacturing a medicament for diagnosing or treating tumor.

Claim 12; Fig 272; 639pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumor necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumor in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumors). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumors, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the

CC invention. Note: The sequence data for this patent is also available in  
CC electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
Qy 61 YPKKEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKKEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
Qy 121 LPFAELRQEQALSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180  
Db 121 LPFAELRQEQALSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180  
Qy 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOVNSQAHNFLEDGESDGFRLCLNSQW 240  
Db 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOVNSQAHNFLEDGESDGFRLCLNSQW 240  
Qy 241 ILTTTLVLSVMWLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMWLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 123

ADCS0866  
ID ADCS0866 standard; protein; 323 AA.

XX AC ADCS0866;

XX DT 18-DEC-2003 (first entry)

XX DE Novel human secreted and transmembrane protein PRO195.

XX KW Human; secreted and transmembrane protein; PRO; secreted polypeptide;  
KW transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;  
KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;  
KW rectum; kidney; cervix; liver; microvascular endothelial cell;  
KW glucose uptake modulator; cell proliferation;  
KW cell differentiation; skeletal muscle cell; adipocyte cell;  
KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder; thalassemia;  
KW immune system cell infiltration; chromosome mapping; gene mapping;  
KW gene therapy; chromosome identification; chromosome marker.

XX OS Homo sapiens.

XX EN US2003087361-A1.

XX PD 08-MAY-2003.

XX PP 22-APR-2002; 2002US-00127841.

XX PR 09-SEP-1998; 98US-0099536P.

XX PR 01-SEP-1999; 99WO-US020111.

XX PR 18-OCT-1999; 99US-00403297.

XX PR 18-FEB-2000; 2000WO-US004342.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH ) GENENTECH INC.

XX

PI Baker KP, Bersini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-801146/75.

DR N-PSDB; ADCS0865.

XX New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide  
and for manufacturing a medicament for diagnosing or treating tumor.

XX Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, or stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKKEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

Db 61 YPKKEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

Qy 121 LPFAELRQEQALSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180

Db 121 LPFAELRQEQALSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180

Qy 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOVNSQAHNFLEDGESDGFRLCLNSQW 240

Db 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOVNSQAHNFLEDGESDGFRLCLNSQW 240

Qy 241 ILTTTLVLSVMWLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMWLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300

301 SKTEHREAGPLTKVNLHSEI 323  
301 SKTEHREAGPLTKVNLHSEI 323

RESULT 124  
ADG65393

ID ADG65393 standard; protein; 323 AA.

AC ADG65393;

18-DEC-2003 (first entry)

Human PRO polypeptide #136.

Human; PRO; secreted polypeptide; transmembrane polypeptide;  
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
liver; microvascular endothelial cell; glucose; FFA;  
skeletal muscle cell; adipocyte cell; pericyte cell;  
inner ear utricular supporting cell; T-lymphocyte cell;  
endothelial cell tube formation; bone disorder; cartilage disorder;  
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
immune system cell infiltration.

Homo sapiens.

US2003087362-A1.

08-MAY-2003.

22-APR-2002; 2002US-00127844.

05-JUN-2000; 2000US-0209832P.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH ) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2003-801147/75.

N-PSDB; ADG65392.

New PRO nucleic acid, useful for manufacturing a medicament for  
diagnosing or treating tumor.

Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and  
transmembrane polypeptides) and the polynucleotides encoding them. The  
invention also relates to an antibody which specifically binds to a PRO  
polypeptide, a method for stimulating the release of tumour necrosis  
factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
proliferation or differentiation of chondrocyte cells and a method for  
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
polynucleotides are useful in molecular biology, including uses as  
hybridisation probes, in chromosome and gene mapping, in generating  
antisense RNA and DNA and in gene therapy. The polynucleotides may also  
be used in preparing PRO polypeptides by recombinant techniques and in  
generating either transgenic animals or knock-out animals which are  
useful in the development and screening of therapeutically useful  
reagents. The PRO polypeptides or antibodies are used in preparing a  
medicament for treating a condition responsive to the polypeptides or  
antibodies, such as tumours, for stimulating and inhibiting proliferation  
of human microvascular endothelial cells, for modulating the uptake of  
glucose or FFA by skeletal muscle cells or adipocyte cells, for  
stimulating differentiation of adipocyte cells, for stimulating  
proliferation of or gene expression in pericyte cells, for stimulating

the proliferation of inner ear utricular supporting cells or T-lymphocyte  
cells, for inducing endothelial cell tube formation and for treating  
various bone and/or cartilage disorders such as sports injuries and  
arthritis. PRO polypeptides which stimulate the release of proteoglycans  
from cartilage are useful for treating sports-related joint problems, PRO  
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
polypeptides are also useful for treating various mammalian haemoglobin-  
associated disorders such as various thalassaemias and conditions which  
may benefit from enhanced local immune system cell infiltration. This  
sequence represents a human PRO polypeptide of the invention. Note: The  
sequence data for this patent is also available in electronic format from  
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;

Matches 323; Conservative 0; Mismatches 0;

QY 1 MAAPKGSILWVETQLGLPPLLLTALAGGGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSILWVETQLGLPPLLLTALAGGGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKREELVACORGCELPISICOPVDDGIDLNKTKLECSACTEAYSQSDQVACHLGCNQ 120

Db 61 YPKREELVACORGCELPISICOPVDDGIDLNKTKLECSACTEAYSQSDQVACHLGCNQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180

Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180

QY 181 QSKPEIQVAPHELEQPTNLRSSLSKMSYLOVRSOAHNLEDESGDFLRLCLSLNSGW 240

Db 181 QSKPEIQVAPHELEQPTNLRSSLSKMSYLOVRSOAHNLEDESGDFLRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVPSKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLMCCATVATAVEQVPSKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEHREAGPLTKVNLHSEI 323

Db 301 SKTEHREAGPLTKVNLHSEI 323

RESULT 125

ADG54491

ID ADG54491 standard; protein; 323 AA.

XX AC ADG54491;

XX 18-DEC-2003 (first entry)

XX Novel human secreted and transmembrane protein Seq ID272.

human; PRO; membrane bound protein; membrane bound receptor;  
cell proliferation; cell migration; cell differentiation;  
mitogenic factor; survival factor; cytotoxic factor;  
differentiation factor; neurotrophic factor; hormone; cell receptor;  
receptor-ligand interaction; cytoskeletal; chondrocyte; tumour.

OS Homo sapiens.

XX US2003087363-A1.

XX 08-MAY-2003.

XX 23-APR-2002; 2002US-00128687.

XX 10-SEP-1998; 98US-0099816P.

XX 01-SEP-1999; 99WO-US020111.

XX 18-OCT-1999; 99US-00403297.

XX 18-FEB-2000; 2000WO-US004342.

XX 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-801148/75.  
DR N-PSDB; ADC53452.  
XX  
XX New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide  
PT and for manufacturing a medicament for diagnosing or treating tumor.  
PT  
XX Claim 1; SEQ ID NO 272; 637pp; English.  
XX  
XX This invention relates to novel nucleic acids encoding human PRO secreted  
CC and transmembrane proteins. Extracellular proteins play important roles  
CC in the formation, differentiation and maintenance of multicellular  
CC organisms. The fate of many individual cells (for example proliferation,  
CC migration or differentiation) is typically governed by information  
CC received from other cells and the immediate environment. The information  
CC is often transmitted by secreted polypeptides (for example mitogenic  
CC factors, survival factors, cytotoxic factors, differentiation factors,  
CC neuropeptides and hormones) which are received and interpreted by diverse  
CC cell receptors or membrane bound proteins. These membrane bound proteins  
CC as in the blocking of receptor-ligand interactions. The current invention  
CC provides the amino acid sequences of novel human membrane bound receptors  
CC and proteins, along with the cDNA sequences encoding them. The novel  
CC proteins of the invention may have cytostatic activities through the  
CC stimulation of chondrocytes. The nucleic acids of the invention may be  
CC useful for the manufacture of a medicament for diagnosing or treating a  
CC tumour in a mammal. In addition, they may be useful for measuring or  
CC detecting the expression of a tumour associated gene. The present  
CC sequence is the amino acid sequence of a human PRO protein of the  
CC invention.  
XX  
XX Sequence 323 AA;  
SQ  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSICQVDDGIDLARTKLECSACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKBELYACQRCGLFSICQVDDGIDLARTKLECSACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180  
QY 181 QSKPEIQAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFICLSINSGW 240  
DB 181 QSKPEIQAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFICLSINSGW 240  
QY 241 ILTTVLVSLVMVLLWICCATVATVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLWVR 300  
DB 241 ILTTVLVSLVMVLLWICCATVATVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLWVR 300  
QY 301 SKTDHDEAGPLTKVNLHSEI 323  
DB 301 SKTDHDEAGPLTKVNLHSEI 323  
RESULT 126  
ADC53452  
ID ADC53452 standard; protein; 323 AA.  
XX

AC ADC53452;  
XX 18-DEC-2003 (first entry)  
XX Novel human secreted and transmembrane protein Seq ID272.  
XX human; PRO; membrane bound protein; membrane bound receptor;  
KW cell proliferation; cell migration; cell differentiation;  
KW mitogenic factor; survival factor; cytotoxic factor;  
KW differentiation factor; neuropeptide; hormone; cell receptor;  
KW receptor-ligand interaction; cytostatic; chondrocyte; tumour.  
OS Homo sapiens.  
XX US2003087364-A1.  
XX 08-MAY-2003.  
XX 23-APR-2002; 2002US-00128688.  
XX 09-FEB-1999; 99US-0119341P.  
PR 01-DEC-1999; 99WO-US028634.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-801148/75.  
DR N-PSDB; ADC53451.  
XX  
XX New PRO nucleic acid, useful for manufacturing a medicament for  
PT diagnosing or treating tumor.  
PT  
XX Claim 1; SEQ ID NO 272; 637pp; English.  
XX  
XX This invention relates to novel nucleic acids encoding human PRO secreted  
CC and transmembrane proteins. Extracellular proteins play important roles  
CC in the formation, differentiation and maintenance of multicellular  
CC organisms. The fate of many individual cells (for example proliferation,  
CC migration or differentiation) is typically governed by information  
CC received from other cells and the immediate environment. The information  
CC is often transmitted by secreted polypeptides (for example mitogenic  
CC factors, survival factors, cytotoxic factors, differentiation factors,  
CC neuropeptides and hormones) which are received and interpreted by diverse  
CC cell receptors or membrane bound proteins. These membrane bound proteins  
CC as in the blocking of receptor-ligand interactions. The current invention  
CC provides the amino acid sequences of novel human membrane bound receptors  
CC and proteins, along with the cDNA sequences encoding them. The novel  
CC proteins of the invention may have cytostatic activities through the  
CC stimulation of chondrocytes. The nucleic acids of the invention may be  
CC useful for the manufacture of a medicament for diagnosing or treating a  
CC tumour in a mammal. In addition, they may be useful for measuring or  
CC detecting the expression of a tumour associated gene. The present  
CC sequence is the amino acid sequence of a human PRO protein of the  
CC invention.  
XX  
XX Sequence 323 AA;  
SQ  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSICQVDDGIDLARTKLECSACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKBELYACQRCGLFSICQVDDGIDLARTKLECSACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180  
QY 181 QSKPEIQAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFICLSINSGW 240  
DB 181 QSKPEIQAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFICLSINSGW 240  
QY 241 ILTTVLVSLVMVLLWICCATVATVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLWVR 300  
DB 241 ILTTVLVSLVMVLLWICCATVATVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLWVR 300  
QY 301 SKTDHDEAGPLTKVNLHSEI 323  
DB 301 SKTDHDEAGPLTKVNLHSEI 323  
RESULT 126  
ADC53452  
ID ADC53452 standard; protein; 323 AA.  
XX

61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKTKLECSACTEAYSQSDQYACHLGCQNG 120  
121 LPFAELRQELMSLMPKXHLFPJTLVRSFWSMDMSAQSFITSSWTFYQLQADGKIVIF 180  
121 LPFAELRQELMSLMPKXHLFPJTLVRSFWSMDMSAQSFITSSWTFYQLQADGKIVIF 180  
181 QSKPEIQVAPHEPPTNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
181 QSKPEIQVAPHEPPTNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNEQKLNRYPASSLWVVR 300  
241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNEQKLNRYPASSLWVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 127  
ADCS58975  
ID ADC58975 standard; protein; 323 AA.  
AC ADC58975;  
X 18-DEC-2003 (first entry)  
DE Novel human secreted and transmembrane protein Seq ID272.  
X human; PRO; membrane bound protein; membrane bound receptor;  
X cell proliferation; cell migration; cell differentiation;  
X mitogenic factor; survival factor; cytotoxic factor;  
X differentiation factor; neuroepitide; hormone; cell receptor;  
X receptor-ligand interaction; cytostatic; chondrocyte; tumour.  
X Homo sapiens.  
X US2003087359-A1.  
X 08-MAY-2003.  
X 22-APR-2002; 2002US-00127834.  
X 17-SEP-1998; 98US-0100710P.  
X 01-SEP-1999; 99WO-US020111.  
X 18-OCT-1999; 99US-00403297.  
X 30-NOV-1999; 99WO-US028313.  
X 01-DEC-2000; 2000WO-US032678.  
X 19-DEC-2001; 2001US-00028072.  
X (GETH ) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
WPI; 2003-801144/75.  
N-PSDB; ADC58974.  
New PRO nucleic acid, useful for preparing a recombinant PRO polypeptide  
and for manufacturing a medicament for diagnosing or treating tumor.  
Claim 1; SEQ ID NO 272; 637pp; English.

This invention relates to novel nucleic acids encoding human PRO secreted  
and transmembrane proteins. Extracellular proteins play important roles  
in the formation, differentiation and maintenance of multicellular  
organisms. The fate of many individual cells (for example proliferation,  
migration or differentiation) is typically governed by information  
received from other cells and the immediate environment. The information  
is often transmitted by secreted polypeptides (for example mitogenic  
factors, survival factors, cytotoxic factors, differentiation factors,  
neuropeptides and hormones) which are received and interpreted by diverse

cell receptors or membrane bound proteins. These membrane bound proteins  
and receptors may be of use as pharmaceutical and diagnostic agents, such  
as in the blocking of receptor-ligand interactions. The current invention  
provides the amino acid sequences of novel human membrane bound receptors  
and proteins, along with the cDNA sequences encoding them. The novel  
proteins of the invention may have cytostatic activities through the  
stimulation of chondrocytes. The nucleic acids of the invention may be  
useful for the manufacture of a medicament for diagnosing or treating a  
tumour in a mammal. In addition, they may be useful for measuring or  
detecting the expression of a tumour associated gene. The present  
invention is the amino acid sequence of a human PRO protein of the  
invention.

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
QY 1 MAAPKGSILWVATQGLPPLILLTALAGSGCTASAEAFDSVLGPTASCHRAQQLTYPLHT 60  
DB 1 MAAPKGSILWVATQGLPPLILLTALAGSGCTASAEAFDSVLGPTASCHRAQQLTYPLHT 60  
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKTKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRKTKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPFAELRQELMSLMPKXHLFPJTLVRSFWSMDMSAQSFITSSWTFYQLQADGKIVIF 180  
DB 121 LPFAELRQELMSLMPKXHLFPJTLVRSFWSMDMSAQSFITSSWTFYQLQADGKIVIF 180  
QY 181 QSKPEIQVAPHEPPTNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHEPPTNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNEQKLNRYPASSLWVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNEQKLNRYPASSLWVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 128  
ADCS5853  
ID ADC5853 standard; protein; 323 AA.  
AC ADC5853;  
X 18-DEC-2003 (first entry)  
X Novel human secreted and transmembrane protein Seq ID272.  
X human; PRO; membrane bound protein; membrane bound receptor;  
X cell proliferation; cell migration; cell differentiation;  
X mitogenic factor; survival factor; cytotoxic factor;  
X differentiation factor; neuroepitide; hormone; cell receptor;  
X receptor-ligand interaction; cytostatic; chondrocyte; tumour.  
X Homo sapiens.  
X US2003087360-A1.  
X 08-MAY-2003.  
X 22-APR-2002; 2002US-00127836.  
X 17-NOV-1998; 98US-0108802P.  
X 01-SEP-1999; 99WO-US020111.  
X 18-OCT-1999; 99US-00403297.  
X 18-FEB-2000; 2000WO-US004342.  
X 02-JUN-2000; 2000WO-US015264.

PR 23-AUG-2000; 2000WO-US023522.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
XX  
PA (GETH ) GENENTECH INC.  
XX  
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski P, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
DR WPI: 2003-801145/75.  
DR N-PSDB; ADC55852.  
XX  
XX New PRO nucleic acid, useful for manufacturing a medicament for  
XX diagnosing or treating tumor.  
XX  
XX  
XX Claim 1; SEQ ID NO 272; 637pp; English.  
XX  
XX This invention relates to novel nucleic acids encoding human PRO secreted  
XX and transmembrane proteins. Extracellular proteins play important roles  
XX in the formation, differentiation and maintenance of multicellular  
XX organisms. The fate of many individual cells (for example proliferation,  
XX migration or differentiation) is typically governed by information  
XX received from other cells and the immediate environment. The information  
XX is often transmitted by secreted polypeptides (for example mitogenic  
XX factors, survival factors, cytotoxic factors, differentiation factors,  
XX neuropeptides and hormones) which are received and interpreted by diverse  
XX cell receptors or membrane bound proteins. These membrane bound proteins  
XX as in the blocking of receptor-ligand interactions. The current invention  
XX provides the amino acid sequences of novel human membrane bound receptors  
XX and proteins, along with the cDNA sequences encoding them. The novel  
XX proteins of the invention may have cytostatic activities through the  
XX stimulation of chondrocytes. The nucleic acids of the invention may be  
XX useful for the manufacture of a medicament for diagnosing or treating a  
XX tumour in a mammal. In addition, they may be useful for measuring or  
XX detecting the expression of a tumour associated gene. The present  
XX invention is the amino acid sequence of a human PRO protein of the  
XX  
XX  
XX Sequence 323 AA;  
XX  
XX Query Match 100.0%; Score 1694; DB 7; Length 323;  
XX Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQVACHLGGQNQ 120  
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECEACTEAYSQSDEQVACHLGGQNQ 120  
QY 121 LPPAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVP 180  
DB 121 LPPAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVP 180  
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOWRNSQAHNPLEDGEDSGPLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOWRNSQAHNPLEDGEDSGPLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLTCCATATATAYVPSKLSIYGDLFWNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLTCCATATATAYVPSKLSIYGDLFWNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEEAGPLPTKYNLAHSEI 323

RESULT 129  
ADC58423

ID ADC58423 standard; protein; 323 AA.  
XX  
AC ADC58423;  
XX  
DT 18-DEC-2003 (first entry)  
XX  
DE Novel human secreted and transmembrane protein Seq ID272.  
XX  
XX human; PRO; membrane bound protein; membrane bound receptor;  
XX cell proliferation; cell migration; cell differentiation;  
XX mitogenic factor; survival factor; cytotoxic factor;  
XX differentiation factor; neuropeptide; hormone; cell receptor;  
XX receptor-ligand interaction; cytostatic; chondrocyte; tumour.  
XX  
OS Homo sapiens.  
XX  
XX US2003087346-A1.  
XX  
XX 08-MAY-2003.  
XX  
XX 17-APR-2002; 2002US-00124815.  
XX  
XX 09-DEC-1999; 99US-0170262P.  
XX 01-DEC-2000; 2000WO-US032678.  
XX 19-DEC-2001; 2001US-00028072.  
XX  
XX (GETH ) GENENTECH INC.  
XX  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
XX Gerritsen ME, Goddard A, Godowski P, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
XX WPI: 2003-801137/75.  
XX N-PSDB; ADC58422.  
XX  
XX Isolated nucleic acid for use in industrial applications has at least 80  
XX percent nucleic acid sequence identity to nucleotide sequence that  
XX encodes amino acid sequence selected from amino acid sequence group.  
XX  
XX Claim 1; SEQ ID NO 272; 637pp; English.  
XX  
XX This invention relates to novel nucleic acids encoding human PRO secreted  
XX and transmembrane proteins. Extracellular proteins play important roles  
XX in the formation, differentiation and maintenance of multicellular  
XX organisms. The fate of many individual cells (for example proliferation,  
XX migration or differentiation) is typically governed by information  
XX received from other cells and the immediate environment. The information  
XX is often transmitted by secreted polypeptides (for example mitogenic  
XX factors, survival factors, cytotoxic factors, differentiation factors,  
XX neuropeptides and hormones) which are received and interpreted by diverse  
XX cell receptors or membrane bound proteins. These membrane bound proteins  
XX as in the blocking of receptor-ligand interactions. The current invention  
XX provides the amino acid sequences of novel human membrane bound receptors  
XX and proteins, along with the cDNA sequences encoding them. The novel  
XX proteins of the invention may have cytostatic activities through the  
XX stimulation of chondrocytes. The nucleic acids of the invention may be  
XX useful for the manufacture of a medicament for diagnosing or treating a  
XX tumour in a mammal. In addition, they may be useful for measuring or  
XX detecting the expression of a tumour associated gene. The present  
XX invention is the amino acid sequence of a human PRO protein of the  
XX  
XX  
XX Sequence 323 AA;  
XX  
XX Query Match 100.0%; Score 1694; DB 7; Length 323;  
XX Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60



2y 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKTLCEBSACTEAYSQSDQYACHGCGNQ 120  
db 61 YPKEELYACQRCGLFSICQFVDDGIDLNRKTLCEBSACTEAYSQSDQYACHGCGNQ 120  
2y 121 LPFAELQEQQLMSLMPKWHLLPFLATLVRSPWSDMDSAQSPITSSWTFYLOADDGKIVIF 180  
db 121 LPFAELQEQQLMSLMPKWHLLPFLATLVRSPWSDMDSAQSPITSSWTFYLOADDGKIVIF 180  
2y 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQMRNSQAHRRNFDGSDGFLRCLSLNSGW 240  
db 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQMRNSQAHRRNFDGSDGFLRCLSLNSGW 240  
2y 241 ILTTTLVLSVMVLLWICATVATAVEQVPSKLSIYGDLFPAEQKLNRYPASSLWVVR 300  
db 241 ILTTTLVLSVMVLLWICATVATAVEQVPSKLSIYGDLFPAEQKLNRYPASSLWVVR 300  
2y 301 SKTDEHREAGLPKYNLAHSEI 323  
db 301 SKTDEHREAGLPKYNLAHSEI 323  
RESULT 130  
ADD03097  
ID ADD03097 standard; protein; 323 AA.  
AC ADD03097;  
XT 01-JAN-2004 (first entry)  
YE Novel human secreted and transmembrane protein PRO195.  
W Human; secreted and transmembrane protein; PRO; secreted polypeptide;  
W transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;  
W chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;  
W rectum; kidney; cervix; liver; microvascular endothelial cell;  
W glucose uptake modulator; FFA uptake modulator; cell proliferation;  
W cell differentiation; skeletal muscle cell; adipocyte cell;  
W pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;  
W endothelial cell tube formation; bone disorder; cartilage disorder;  
W sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
W rheumatoid arthritis; haemoglobin-associated disorder; thalasassaemia;  
W immune system cell infiltration; chromosome mapping; gene mapping;  
W gene therapy; chromosome identification; chromosome marker.  
NS Homo sapiens.  
W US2003092104-A1.  
X 15-MAY-2003.  
X 24-APR-2002; 2002US-00131817.  
X 31-MAR-1997; 97WO-US005230.  
X 12-JUN-1998; 98WO-US012456.  
X 14-JUL-1998; 98WO-US014552.  
X 28-AUG-1998; 98WO-US017888.  
X 10-SEP-1998; 98WO-US018824.  
X 14-SEP-1998; 98WO-US019093.  
X 14-SEP-1998; 98WO-US019094.  
X 14-SEP-1998; 98WO-US019177.  
X 16-SEP-1998; 98WO-US019330.  
X 17-SEP-1998; 98WO-US019437.  
X 07-OCT-1998; 98WO-US021141.  
X 29-OCT-1998; 98WO-US022991.  
X 29-OCT-1998; 98WO-US022992.  
X 20-NOV-1998; 98WO-US024855.  
X 01-DEC-1998; 98WO-US025108.  
X 05-JAN-1999; 99WO-US000106.  
X 08-MAR-1999; 99WO-US005028.  
X 10-MAR-1999; 99WO-US005190.  
X 20-APR-1999; 99WO-US008615.  
X 14-MAY-1999; 99WO-US010733.  
X 02-JUN-1999; 99WO-US012252.

PR 01-SEP-1999; 99WO-US020111.  
PR 08-SEP-1999; 99WO-US020594.  
PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 05-OCT-1999; 99WO-US023089.  
PR 29-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032878.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.

18-JUL-2001; 2001US-00908827.  
06-AUG-2001; 2001US-00924419.  
09-AUG-2001; 2001US-00927796.  
16-AUG-2001; 2001US-00931836.  
19-DEC-2001; 2001US-00028072.  
(GETH ) GENENTECH INC.  
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
WPI; 2003-801169/75.  
N-PSDB; ADD03096.  
New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or  
PRO4978, useful in molecular biology, chromosome and gene mapping, in  
generating antisense RNA and DNA, and in gene therapy.  
Claim 12; Fig 272; 638pp; English.  
The invention relates to isolated human PRO polypeptides (secreted and  
transmembrane polypeptides) and the polynucleotides encoding them. The  
invention also relates to an antibody which specifically binds to a PRO  
polypeptide, a method for stimulating the release of tumour necrosis  
factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
proliferation or differentiation of chondrocyte cells and a method for  
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
polynucleotides are useful in molecular biology, including uses as  
hybridisation probes, in chromosome and gene mapping, in generating  
antisense RNA and DNA and in gene therapy. The polynucleotides may also  
be used in preparing PRO polypeptides by recombinant techniques and in  
generating either transgenic animals or knock-out animals which are  
useful in the development and screening of therapeutically useful  
reagents. The PRO polypeptides or antibodies are used in preparing a  
medicament for treating a condition responsive to the polypeptides or  
antibodies, such as tumours, for stimulating and inhibiting proliferation  
of human microvascular endothelial cells, for modulating the uptake of  
glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte  
cells, for stimulating differentiation of adipocyte cells, for  
stimulating proliferation of or gene expression in pericyte cells, for  
stimulating the proliferation of inner ear utricular supporting cells or  
T-lymphocyte cells, for inducing endothelial cell tube formation and for  
treating various bone and/or cartilage disorders such as sports injuries  
and arthritis. PRO polypeptides which stimulate the release of  
proteoglycans from cartilage are useful for treating sports-related joint  
problems, articular cartilage defects, osteoarthritis and rheumatoid  
arthritis. PRO polypeptides are also useful for treating various  
mammalian haemoglobin-associated disorders such as various thalassemias  
and conditions which may benefit from enhanced local immune system cell  
infiltration. This sequence represents a human PRO polypeptide of the  
invention. Note: The sequence data for this patent is also available in  
electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGLWRTQGLPPLLLLTWALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGLWRTQGLPPLLLLTWALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
Qy 61 YPKEELYACQRCGLPSICQFVDDGIDLNRKLECESACTRAYSDSDQYACHLGCQNQ 120  
Db 61 YPKEELYACQRCGLPSICQFVDDGIDLNRKLECESACTRAYSDSDQYACHLGCQNQ 120  
Qy 121 LPFAELRQELMLMPKWHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQELMLMPKWHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEOEPNTLRESSLSKMSYLOMRNSQAHNRFLEDGEDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHLEOEPNTLRESSLSKMSYLOMRNSQAHNRFLEDGEDGFLRCLSLNSGW 240  
241 ILTTTLVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
241 ILTTTLVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
301 SKTEDEHBEAGPLPKVNLHSEI 323  
301 SKTEDEHBEAGPLPKVNLHSEI 323  
RESULT 131  
ADC90089  
ID ADC90089 standard; protein; 323 AA.  
AC ADC90089;  
XX  
XX 01-JAN-2004 (first entry)  
XX  
XX Novel human secreted and transmembrane protein PRO195.  
XX Human; secreted and transmembrane protein; PRO;  
XX Tumour necrosis factor alpha release; TNF-alpha release;  
XX Glucose uptake modulator; FFA uptake modulator;  
XX Cell proliferation stimulator; cell differentiation stimulator;  
XX Cell differentiation inhibitor; cytokine release stimulator; tumour;  
XX Lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX Cervical tumour; liver tumour; chromosome mapping; gene mapping;  
XX gene therapy; chromosome identification; chromosome marker.  
XX Homo sapiens.  
XX OS  
XX US2003087348-A1.  
XX  
XX 08-MAY-2003.  
XX  
XX 19-APR-2002; 2002US-00125923.  
XX  
XX 05-JUN-2000; 2000US-0209832P.  
XX 01-DEC-2000; 2000WO-US032678.  
XX 19-DEC-2001; 2001US-00028072.  
XX  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
XX WPI; 2003-786939/74.  
XX N-PSDB; ADC90088.  
XX  
XX New PRO nucleic acid, useful for manufacturing a medicament for  
XX diagnosing or treating tumor.  
XX  
XX Claim 12; SEQ ID NO 272; 637pp; English.  
XX  
XX The invention describes 305 nucleic acids encoding PRO (secreted and  
XX transmembrane) polypeptides (1). (1) is useful for stimulating the  
XX release of TNF-alpha from human blood, for modulating the uptake of  
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for  
XX stimulating the proliferation or differentiation of chondrocyte cells,  
XX for stimulating the proliferation of or gene expression in pericyte  
XX cells, for stimulating the release of proteoglycans from cartilage, for  
XX stimulating the proliferation of inner ear utricular supporting cells,  
XX for stimulating the proliferation of T-lymphocyte cells, for stimulating  
XX the release of a cytokine from PBMC cells, for inhibiting the binding of  
XX A-peptide to factor VIIa, for inhibiting the differentiation of adipocyte  
XX cells, for stimulating proliferation of endothelial cells, for detecting  
XX the presence of tumour in a mammal. The tumour is lung, colon, breast,  
XX prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
XX are useful for isolating genomic and cDNA nucleotide sequences or

antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(II)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
DB 1 MAAPKGSLSWVTRQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSLFCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBELYACQRCGLFSLFCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPPAELRQQLMSLMPKWHLLPPLTLVRSFWSMDMSAQSPITSSWTFYQLQDDGKIVIF 180  
DB 121 LPPAELRQQLMSLMPKWHLLPPLTLVRSFWSMDMSAQSPITSSWTFYQLQDDGKIVIF 180  
QY 181 QSKPIQIAPHLEQPTNLRESSLSKMSYLOVRNSQAHNPLEDGSDFLCILSLNSGW 240  
DB 181 QSKPIQIAPHLEQPTNLRESSLSKMSYLOVRNSQAHNPLEDGSDFLCILSLNSGW 240  
QY 241 ILTTVLVSNVLLMCCATVATAVEQVPSKLSIYCDLEFVNEQKLNYPASSLVVVR 300  
DB 241 ILTTVLVSNVLLMCCATVATAVEQVPSKLSIYCDLEFVNEQKLNYPASSLVVVR 300  
QY 301 SKTDEHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTDEHEEAGPLPTKVNLAHSEI 323

RESULT 132  
ADC69508  
ID ADC69508 standard; protein; 323 AA.  
XX ADC69508;  
AC ADC69508;  
XX 01-JAN-2004 (first entry)  
XX Human PRO polypeptide #136.  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
XX liver; microvascular endothelial cell; glucose; PFA;  
XX skeletal muscle cell; adipocyte cell; pericyte cell;  
XX inner ear utricular supporting cell; T-lymphocyte cell;  
XX endothelial cell tube formation; bone disorder; cartilage disorder;  
XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
XX rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
XX immune system cell infiltration.

XX Homo sapiens.  
XX US2003194770-A1.  
XX 16-OCT-2003.

21-MAY-2002; 2002US-00152375.  
03-MAR-2000; 2000US-0187202P.  
30-MAY-2000; 2000MO-US014941.  
01-DEC-2000; 2000MO-US032678.  
19-DEC-2001; 2001US-00028072.  
(GETH ) GENENTECH INC.  
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
WPI; 2003-844453/78.  
DR N-PSDB; ADC69507.

New isolated, secreted and transmembrane PRO polypeptides and nucleic acids, useful for the diagnosis, prevention and/or treatment of tumors, such as lung, colon, breast, prostate, cervical and/or liver tumors.

Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems. PRO articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at [seqdata.uspto.gov](http://seqdata.uspto.gov).

Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
DB 1 MAAPKGSLSWVTRQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSLFCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBELYACQRCGLFSLFCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPPAELRQQLMSLMPKWHLLPPLTLVRSFWSMDMSAQSPITSSWTFYQLQDDGKIVIF 180

Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQVAPHEQPTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQVAPHEQPTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSKLSIYGDLEFPMNQKLNRYPASSLWVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSKLSIYGDLEFPMNQKLNRYPASSLWVVR 300  
QY 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
RESULT 133  
ADC48397  
ID ADC48397 standard; protein; 323 AA.  
AC ADC48397;  
XX  
DT 01-JAN-2004 (first entry)  
XX  
DE Human PRO polypeptide #136.  
XX  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; Glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX  
OS Homo sapiens.  
XX  
PN US2003194773-A1.  
XX  
PD 16-OCT-2003.  
XX  
PF 21-MAY-2002; 2002US-00152391.  
XX  
PR 09-DEC-1999; 99US-0170262P.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 18-DEC-2001; 2001US-00028072.  
XX  
PA (GETH ) GENENTECH INC.  
XX  
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
XX WPI; 2003-844455/78.  
DR N-PSDB; ADC48396.  
XX  
XX New secreted and transmembrane PRO nucleic acids and polypeptides, useful  
PT for detecting a tumor, stimulating the release of tumor necrosis factor  
PT alpha and stimulating the proliferation of endothelial cells.  
XX  
XX Claim 12; Fig 272; 637pp; English.  
ES  
XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems, PRO  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis, PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX  
SQ Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 7; length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSMLVTRQLGPPILLITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSMLVTRQLGPPILLITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCCNQ 120  
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCCNQ 120  
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQVAPHEQPTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQVAPHEQPTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSKLSIYGDLEFPMNQKLNRYPASSLWVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSKLSIYGDLEFPMNQKLNRYPASSLWVVR 300  
QY 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
RESULT 134  
ADD09926  
ID ADD09926 standard; protein; 323 AA.  
XX  
AC ADD09926;  
XX  
DT 01-JAN-2004 (first entry)  
XX  
DE Human PRO polypeptide #136.  
XX  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; Glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;

sports injury; proteoglycan; articular cartilage defect; osteoarthritis; rheumatoid arthritis; haemoglobin-associated disorder thalassaemia; immune system cell infiltration.

US2003194776-A1.

16-OCT-2003.

29-MAY-2002; 2002US-00157785.

05-JUN-2000: 2000US-0209832P-

UI=DEC=2000; 2000WO=05032678.  
19-DEC=2001: 2001HS=00028072.

(GETH ) GENENTECH INC.

Paker KP Beresini M

Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TB, Thomas D, Watanabe CK, Wood WT, Zhang Z.

WPT: 2003-852596/79

WET; 2003-852596/  
N-PSDB: ADD09925.

New secreted and transmembrane PRO nucleic acids and polypeptides, useful for detecting a tumor, stimulating the release of proteoglycans from cartilage and inhibiting the differentiation of adipocyte cells.

Claim 12: Fig 272: 637pp: English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor- $\alpha$  (TNF- $\alpha$ ) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

Sequence 323 AA:

Very Match 100.0%; Score 1694; DB 7; Length 323;

100.0%; Score 1634; DB 71  
100.0%; Pred. No. 5.5e-167;  
100.0%; Pred. No. 5.5e-167;

323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSIAVETQIGLPPIIIITMALAGSGTASAAPTDSVLGDTASCHRAQLTYPLEIT 60

Db	1	MAAPKGSUWVQTQGLPPLLLL	THAALAGSGTASAEFTSVLGDFTASCHRAQOLTYPLEH	50
QY	61	YPKKEEYACQRCGLFSL	ICQFVDDGIDLNRTKLCEESACTEAYSQSDQYACHLGCNQ	120
Db	61	YPKKEEYACQRCGLFSL	ICQFVDDGIDLNRTKLCEESACTEAYSQSDQYACHLGCNQ	120
QY	121	LPFAELRQELMSLMPKXHL	LPLTLVRSFNSDMSDAQSFITSSWTFYLOADDGKIVIP	180
Db	121	LPFAELRQELMSLMPKXHL	LPLTLVRSFNSDMSDAQSFITSSWTFYLOADDGKIVIP	180
QY	181	QSKPEIQYAPHEQEPTN	RESSLSKMSYLOMNSQAHRNFLGEDSGDGLRCLSLNSCW	240
Db	181	QSKPEIQYAPHEQEPTN	RESSLSKMSYLOMNSQAHRNFLGEDSGDGLRCLSLNSCW	240
QY	241	ILTLTTLVLSVMVLLMI	CCATVATAVEQYVSEKLSIYGDLEFNPNEOKLARIYPASSLIVVR	300
Db	241	ILTLTTLVLSVMVLLMI	CCATVATAVEQYVSEKLSIYGDLEFNPNEOKLARIYPASSLIVVR	300
QY	301	SKTDEHEAGPLTKVNL	AHSEI 323	
Db	301	SKTDEHEAGPLTKVNL	AHSEI 323	

**RESULT 135**

ADD04501

ID ADD04501 standard; protein; 323 AA.

AC ADD04501;

DT 01-JAN-2004 (first entry)

DE Novel human secreted and transmembrane protein PRO195.

Human; secreted and transmembrane protein; PRO; secreted polypeptide; transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha; chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix; liver; microvascular endothelial cell; glucose uptake modulator; FFA uptake modulator; cell proliferation; cell differentiation; skeletal muscle cell; adipocyte cell; pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell; endothelial cell tube formation; bone disorder; cartilage disorder; sports injury; proteoglycan; articular cartilage defect; osteoarthritis; rheumatoid arthritis; haemoglobin-associated disorder; thalassemia; immune system cell infiltration; chromosome mapping; gene mapping; gene therapy; chromosome identification; chromosome marker

Homo sapiens.

XX PN IIS2003087354-A1.

XX  
PD 08-MAY-2003XX  
PF  
22-APR-2002: 2002HS-00127A27.

17-AUG-1998 0805-0096891P

PR 02-JUN-1999; 99WO-US012252.  
PR 25-AUG-1999; 99US-00380137

PR 30-MAR-2000; 2000WO-US008439.  
PR 30-MAY-2000; 2000WO-US014941

PR 01-DEC-2000; 2000MO-US032678.  
 PS 18-DEC-2001; 2001HS-00028073

XX  
DA (CMT) CENTRE FOR TNC

XX  
DT Baker MD Peresini M Defor

PI Gerritsen ME, Goddard A, Go  
Smith W Stewart TX Times

XX  
 WPT. 2003. 801130/75

DR N-PSDB; ADD04500.  
yy

PT New PRO nucleic acid

XX Claim 12; Fig 272; 637pp; English.

PS The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte

CC cells, for stimulating differentiation of adipocyte cells, for

CC stimulating proliferation of or gene expression in pericyte cells, for

CC stimulating the proliferation of inner ear utricular supporting cells or

CC T-lymphocyte cells, for inducing endothelial cell tube formation and for

CC treating various bone and/or cartilage disorders such as sports injuries

CC and arthritis. PRO polypeptides which stimulate the release of

CC proteoglycans from cartilage are useful for treating sports-related joint

CC problems, articular cartilage defects, osteoarthritis and rheumatoid

CC arthritis. PRO polypeptides are also useful for treating various

CC mammalian haemoglobin-associated disorders such as various thalassaemias

CC and conditions which may benefit from enhanced local immune system cell

CC infiltration. This sequence represents a human PRO polypeptide of the

CC invention. Note: The sequence data for this patent is also available in

CC electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

SQ

Query Match 100.0%; Score 1694; DB 7; length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKSLWRTQGLPPLLLTMAAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Db 1 MAAPKSLWRTQGLPPLLLTMAAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120

Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120

Qy 121 LPFAELRQELMSLMPKQHLPLFTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180

Db 121 LPFAELRQELMSLMPKQHLPLFTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180

Qy 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVSLVNLWLTCCATVATVQYVPSEKLSIYGDLEFPMQKLNRYPASSLIVVR 300

Db 241 ILTTTLVSLVNLWLTCCATVATVQYVPSEKLSIYGDLEFPMQKLNRYPASSLIVVR 300

Qy 301 SKTEDHEEAGPLTKVNLHSEI 323

Db 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 136

ADC80457

ID ADC80457 standard; protein; 323 AA.

XX

AC ADC80457;

XX 01-JAN-2004 (first entry)

XX Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO; secreted polypeptide;

XX transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;

XX chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;

XX rectum; kidney; cervix; liver; microvascular endothelial cell;

XX glucose uptake modulator; FFA uptake modulator; cell proliferation;

XX cell differentiation; skeletal muscle cell; adipocyte cell;

XX pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;

XX endothelial cell tube formation; bone disorder; cartilage disorder;

XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;

XX immune system cell infiltration; chromosome mapping; gene mapping;

XX gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.

OS US2003092103-A1.

XX 15-MAY-2003.

XX 24-APR-2002; 2002US-00131815.

XX 22-DEC-1998; 98US-0113511P.

XX 01-DEC-1999; 99WO-US028634.

XX 22-FEB-2000; 2000WO-US004414.

XX 01-DEC-2000; 2000WO-US032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GETH ) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-801168/75.

XX N-PSDB; ADC80456.

XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or

XX PRO4978, useful in molecular biology, chromosome and gene mapping, in

XX generating antisense RNA and DNA, and in gene therapy.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

XX transmembrane polypeptides) and the polynucleotides encoding them. The

XX invention also relates to an antibody which specifically binds to a PRO

XX polypeptide, a method for stimulating the release of tumour necrosis

XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the

XX proliferation or differentiation of chondrocyte cells and a method for

XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

XX polynucleotides are useful in molecular biology, including uses as

XX hybridisation probes, in chromosome and gene mapping, in generating

XX antisense RNA and DNA and in gene therapy. The polynucleotides may also

XX be used in preparing PRO polypeptides by recombinant techniques and in

XX generating either transgenic animals or knock-out animals which are

XX useful in the development and screening of therapeutically useful

XX reagents. The PRO polypeptides or antibodies are used in preparing a

XX medicament for treating a condition responsive to the polypeptides or

XX antibodies, such as tumours, for stimulating and inhibiting proliferation

XX of human microvascular endothelial cells, for modulating the uptake of

XX glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte

XX cells, for stimulating differentiation of adipocyte cells, for

XX stimulating proliferation of or gene expression in pericyte cells, for

XX stimulating the proliferation of inner ear utricular supporting cells or

XX T-lymphocyte cells, for inducing endothelial cell tube formation and for

XX treating various bone and/or cartilage disorders such as sports injuries

XX and arthritis. PRO polypeptides which stimulate the release of

XX proteoglycans from cartilage are useful for treating sports-related joint

CC problems, articular cartilage defects, osteoarthritis and rheumatoid  
CC arthritis. PRO polypeptides are also useful for treating various  
CC mammalian haemoglobin-associated disorders such as various thalassemias  
CC and conditions which may benefit from enhanced local immune system cell  
CC infiltration. This sequence represents a human PRO polypeptide of the  
CC invention. Note: The sequence data for this patent is also available in  
CC electronic format from USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSUWVQTGLPPLLLTALAGSGTASAPDSVLGDTASCHRACTYPLHT 60  
DB 1 MAAPKGSUWVQTGLPPLLLTALAGSGTASAPDSVLGDTASCHRACTYPLHT 60  
QY 61 YPKREELVACQRCGLFSCQVDDGIDLNRTKLECSACTEAYSQSDQYACHGCONQ 120  
DB 61 YPKREELVACQRCGLFSCQVDDGIDLNRTKLECSACTEAYSQSDQYACHGCONQ 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTVLVSNVLLWICCATVATAVEQVFPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300  
DB 241 ILTTVLVSNVLLWICCATVATAVEQVFPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300  
QY 301 SKTDEHSEAGLPKVNLAHSEI 323  
DB 301 SKTDEHSEAGLPKVNLAHSEI 323

RESULT 137

ID ADD10964 standard; protein; 323 AA.

AC ADD10964;

DT 01-JAN-2004 (first entry)

DE Human PRO polypeptide #136.

KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalasassaemia;  
KW immune system cell infiltration.

KX Homo sapiens.

PN US2003194774-A1.

PD 16-OCT-2003.

PF 21-MAY-2002; 2002US-00152399.

PR 03-MAR-2000; 2000US-0187202P.

PR 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

PA (GETH ) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PU, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-852594/79.  
DR N-PSDB; ADD10963.

XX New secreted and transmembrane PRO nucleic acids and polypeptides, useful  
PT for detecting a tumor, stimulating the proliferation or differentiation  
PT of chondrocyte cells and stimulating the release of tumor necrosis factor  
XX alpha.

PS Claim 12; SEQ ID NO 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems, PRO  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSUWVQTGLPPLLLTALAGSGTASAPDSVLGDTASCHRACTYPLHT 60  
DB 1 MAAPKGSUWVQTGLPPLLLTALAGSGTASAPDSVLGDTASCHRACTYPLHT 60  
QY 61 YPKREELVACQRCGLFSCQVDDGIDLNRTKLECSACTEAYSQSDQYACHGCONQ 120  
DB 61 YPKREELVACQRCGLFSCQVDDGIDLNRTKLECSACTEAYSQSDQYACHGCONQ 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTVLVSNVLLWICCATVATAVEQVFPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300







XX The invention relates to isolated human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the polynucleotides encoding them. The  
 CC invention also relates to an antibody which specifically binds to a PRO  
 CC polypeptide, a method for stimulating the release of tumour necrosis  
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 CC proliferation or differentiation of chondrocyte cells and a method for  
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 CC polynucleotides are useful in molecular biology, including uses as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 CC be used in preparing PRO polypeptides by recombinant techniques and in  
 CC generating either transgenic animals or knock-out animals which are  
 CC useful in the development and screening of therapeutically useful  
 CC reagents. The PRO polypeptides or antibodies are used in preparing a  
 CC medicament for treating a condition responsive to the polypeptides or  
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
 CC of human microvascular endothelial cells, for modulating the uptake of  
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating differentiation of adipocyte cells, for stimulating  
 CC proliferation of or gene expression in pericyte cells, for stimulating  
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 CC cells, for inducing endothelial cell tube formation and for treating  
 CC various bone and/or cartilage disorders such as sports injuries and  
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 CC from cartilage are useful for treating sports-related joint problems,  
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 CC polypeptides are also useful for treating various mammalian haemoglobin-  
 CC associated disorders such as various thalassaemias and conditions which  
 CC may benefit from enhanced local immune system cell infiltration. This  
 CC sequence represents a human PRO polypeptide of the invention. Note: The  
 CC sequence data for this patent is also available in electronic format from  
 CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5-se-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGLSWVTOLGLPLLLLTWALAGSGGTASAPDSVLGDTASCHACOLTYPLHT 60  
 2b 1 MAAPKGLSWVTOLGLPLLLLTWALAGSGGTASAPDSVLGDTASCHACOLTYPLHT 60

2Y 61 YPKSEELYACORGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
 2b 61 YPKSEELYACORGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120

2Y 121 LPFAELRQELMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 2b 121 LPFAELRQELMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

2Y 181 QSKPEIQVAPHLRQPTNLRSSLSKMSYLMQRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 2b 181 QSKPEIQVAPHLRQPTNLRSSLSKMSYLMQRNSQAHNFLEDGSDGFLRCLSLNSGW 240

2Y 241 ILFTTLVLSNVLWVICCATVATAVEQVPSKLSIYGDLEFNMQKLNRYPASSLWVR 300  
 2b 241 ILFTTLVLSNVLWVICCATVATAVEQVPSKLSIYGDLEFNMQKLNRYPASSLWVR 300

2Y 301 SKTRDHEERAGPLTKVNLHSEI 323  
 2b 301 SKTRDHEERAGPLTKVNLHSEI 323

RESULT 140

ID ADC79905

XX ADC79905 standard; protein; 323 AA.

AC ADC79905;

XX 01-JAN-2004 (first entry)

DT

XX Novel human secreted and transmembrane protein PRO195.  
 DE Human; secreted and transmembrane protein; PRO; secreted polypeptide;  
 XX transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;  
 KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;  
 KW rectum; kidney; cervix; liver; microvascular endothelial cell;  
 KW glucose uptake modulator; FFA uptake modulator; cell proliferation;  
 KW cell differentiation; skeletal muscle cell; adipocyte cell;  
 KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;  
 KW endothelial cell tube formation; bone disorder; cartilage disorder;  
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;  
 KW immune system cell infiltration; chromosome mapping; gene mapping;  
 KW gene therapy; chromosome identification; chromosome marker.  
 XX Homo sapiens.  
 OS US2003087358-A1.  
 XX 08-MAY-2003.  
 PD 22-APR-2002; 2002US-00127833.  
 PF 01-SEP-1998; 98US-0098750P.  
 PR 01-SEP-1999; 99WO-US020111.  
 PR 18-OCT-1999; 99US-00403297.  
 PR 18-FEB-2000; 2000WO-US004342.  
 PR 08-NOV-2000; 2000WO-US030952.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 19-DEC-2001; 2001US-00028072.  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 DR WPI; 2003-801143/75.  
 DR N-PSDB; ABC79904.  
 XX New PRO nucleic acid, useful for manufacturing a medicament for  
 PT diagnosing or treating tumor.  
 FT Claim 12; Fig 272; 637pp; English.  
 PS The invention relates to isolated human PRO polypeptides (secreted and  
 XX transmembrane polypeptides) and the polynucleotides encoding them. The  
 CC invention also relates to an antibody which specifically binds to a PRO  
 CC polypeptide, a method for stimulating the release of tumour necrosis  
 CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 CC proliferation or differentiation of chondrocyte cells and a method for  
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 CC polynucleotides are useful in molecular biology, including uses as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 CC be used in preparing PRO polypeptides by recombinant techniques and in  
 CC generating either transgenic animals or knock-out animals which are  
 CC useful in the development and screening of therapeutically useful  
 CC reagents. The PRO polypeptides or antibodies are used in preparing a  
 CC medicament for treating a condition responsive to the polypeptides or  
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
 CC of human microvascular endothelial cells, for modulating the uptake of  
 CC glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte  
 CC cells, for stimulating differentiation of adipocyte cells, for  
 CC stimulating proliferation of or gene expression in pericyte cells, for  
 CC stimulating the proliferation of inner ear utricular supporting cells or  
 CC T-lymphocyte cells, for inducing endothelial cell tube formation and for  
 CC treating various bone and/or cartilage disorders such as sports injuries  
 CC and arthritis. PRO polypeptides which stimulate the release of  
 CC proteoglycans from cartilage are useful for treating sports-related joint  
 CC problems, articular cartilage defects, osteoarthritis and rheumatoid

CC arthritis. PRO polypeptides are also useful for treating various  
CC mammalian haemoglobin-associated disorders such as various thalassemias  
CC and conditions which may benefit from enhanced local immune system cell  
CC infiltration. This sequence represents a human PRO polypeptide of the  
CC invention. Note: The sequence data for this patent is also available in  
CC electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX  
SQ Sequence 323 AA;  
  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGSLSWVTRTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
  
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCONQ 120  
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCONQ 120  
  
QY 121 LPPAELRQEQLSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQEQLSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
  
QY 181 QSKPEIQYAPHLRQEPNLRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNLRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
  
QY 241 ILTTTLVLSVMVLLMCCATVATVAVQYVPSEKLSIYGDLEFNPNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMCCATVATVAVQYVPSEKLSIYGDLEFNPNEOKLNRYPASSLVVVR 300  
  
QY 301 SKTEDHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323  
  
RESULT 141  
ADD11257  
ID ADD11257 standard; protein; 323 AA.  
AC ADD11257;  
XX  
XX  
DT 01-JAN-2004 (first entry)  
XX  
DE Human secreted/transmembrane PRO polypeptide #4.  
XX  
XX human; secreted protein; transmembrane protein; cardiovascular disorder;  
XX endothelial disorder; angiogenic disorder; myocardial infarction;  
KW cardiac hypertrophy; trauma; cancer; age-related macular degeneration;  
KW angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;  
KW endothelial cell tube formation.  
XX  
OS Homo sapiens.  
XX  
XX US2003105013-A1.  
XX  
XX 05-JUN-2003.  
XX  
XX 16-AUG-2002; 2002US-00223090.  
XX  
XX 20-JUN-2001; 2001WO-US019692.  
XX  
XX 09-JUL-2001; 2001WO-US021735.  
XX  
XX 20-FEB-2002; 2002US-00081056.  
XX  
XX (GETH ) GENENTECH INC.  
XX  
XX Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;  
PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;  
PI Watanabe CK, Williams PM, Wood WI, Ye W;  
XX WPI; 2003-801242/75.  
DR

DR N-PSDB; ADD11256.  
XX  
XX New isolated nucleic acid encoding a secreted and transmembrane  
PT polypeptide, useful for treating a cardiovascular, endothelial, or  
PT angiogenic disorder in a mammal, such as cancer or age-related macular  
PT degeneration.  
XX  
XX Claim 11; SEQ ID NO 8; 493pp; English.  
XX  
XX The invention relates to an isolated nucleic acid encoding a secreted and  
CC transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded  
CC by the nucleic acid, or an agonist or antagonist, is used to treat a  
CC cardiovascular, endothelial, or angiogenic disorder in a mammal,  
CC preferably a human. The human may have suffered a myocardial infarction  
CC or has cardiac hypertrophy, trauma, a cancer, or age-related macular  
CC degeneration. The cardiac hypertrophy is characterized by the presence of  
CC an elevated level of PGP-2 alpha. A PRO polypeptide, given in the  
CC specification, or an agonist is used to inhibit or stimulate endothelial  
CC cell growth in a mammal. PRO21 or an agonist is used to induce cardiac  
CC hypertrophy. PRO1376 or PRO1449 is used to stimulate angiogenesis. A PRO  
CC polypeptide, given in the specification, or an agonist is used to  
CC stimulate or inhibit smooth muscle cell growth, or to induce endothelial  
CC cell tube formation. The present sequence represents the amino acid  
CC sequence of a PRO polypeptide of the invention.  
XX  
SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGSLSWVTRTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
  
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCONQ 120  
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCONQ 120  
  
QY 121 LPPAELRQEQLSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQEQLSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
  
QY 181 QSKPEIQYAPHLRQEPNLRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNLRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
  
QY 241 ILTTTLVLSVMVLLMCCATVATVAVQYVPSEKLSIYGDLEFNPNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMCCATVATVAVQYVPSEKLSIYGDLEFNPNEOKLNRYPASSLVVVR 300  
  
QY 301 SKTEDHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 142  
ADD09374  
ID ADD09374 standard; protein; 323 AA.  
XX  
XX ADD09374;  
XX  
XX 01-JAN-2004 (first entry)  
XX  
XX Human PRO polypeptide #136.  
XX  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;  
KW immune system cell infiltration.

XX Homo sapiens.  
XX US2003194775-A1.  
XX 16-OCT-2003.  
XX 28-MAY-2002; 2002US-00156848.  
XX 03-MAR-2000; 2000US-0187202P.  
XX 01-DEC-2000; 2000WO-US032678.  
XX 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-852595/79.  
XX N-PSDB; ADD09373.

XX New secreted and transmembrane PRO nucleic acids and polypeptides, useful  
XX for detecting a tumor, stimulating the release of tumor necrosis factor  
XX alpha from blood and stimulating the release of proteoglycans from  
XX cartilage.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumor necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumor in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also  
XX be used in preparing PRO polypeptides by recombinant techniques and in  
XX generating either transgenic animals or knock-out animals which are  
XX useful in the development and screening of therapeutically useful  
XX reagents. The PRO polypeptides or antibodies are used in preparing a  
XX medicament for treating a condition responsive to the polypeptides or  
XX antibodies, such as tumours, for stimulating and inhibiting proliferation  
XX of human microvascular endothelial cells, for modulating the uptake of  
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for  
XX stimulating differentiation of adipocyte cells, for stimulating  
XX proliferation of or gene expression in pericyte cells, for stimulating  
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte  
XX cells, for inducing endothelial cell tube formation and for treating  
XX various bone and/or cartilage disorders such as sports injuries and  
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans  
XX from cartilage are useful for treating sports-related joint problems,  
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
XX polypeptides are also useful for treating various mammalian haemoglobin-  
XX associated disorders such as various thalassemias and conditions which  
XX may benefit from enhanced local immune system cell infiltration. This  
XX sequence represents a human PRO polypeptide of the invention. Note: The  
XX sequence data for this patent is also available in electronic format from  
XX USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

XX Query Match 100.0%; Score 1694; DB 7; Length 323;  
XX Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRVQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLRT 60  
DB 1 MAAPKGLWVRVQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLRT 60  
QY 61 YPKBELYACQRCGLFSLICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCNQ 120  
DB 61 YPKBELYACQRCGLFSLICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCNQ 120  
QY 121 LPPAEILOBQLMSLAPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADDGKIVIF 180  
DB 121 LPPAEILOBQLMSLAPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPITNLRESLSKMSYLOWNSQAHRNFLEDGESDGLFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPITNLRESLSKMSYLOWNSQAHRNFLEDGESDGLFRLCLSLNSGW 240  
QY 241 ILTTTILVLSVMVLLIICCATATATAVEQYVPSKLSIYGDLEFPMNEOKLNRYFASLSVVR 300  
DB 241 ILTTTILVLSVMVLLIICCATATATAVEQYVPSKLSIYGDLEFPMNEOKLNRYFASLSVVR 300  
QY 301 SKTEDEHEEAGPIPTKVNLAHSEI 323  
DB 301 SKTEDEHEEAGPIPTKVNLAHSEI 323  
RESULT 143  
ADD41087  
ID ADD41087 standard; protein; 323 AA.  
XX AC ADD41087;  
XX DT 15-JAN-2004 (first entry)  
XX Novel human secreted and transmembrane protein PRO195.  
XX Human; secreted and transmembrane protein; PRO;  
XX Tumour necrosis factor alpha release; TNF-alpha release;  
XX glucose uptake modulator; FFA uptake modulator;  
XX cell proliferation stimulator; cell differentiation stimulator;  
XX cell differentiation inhibitor; cytokine release stimulator; tumour;  
XX lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX cervical tumour; liver tumour; chromosome mapping; gene mapping;  
XX gene therapy; chromosome identification; chromosome marker.  
XX Homo sapiens.  
XX OS US2003203438-A1.  
XX PN 30-OCT-2003.  
XX PD 15-MAY-2002; 2002US-00146785.  
XX PF 24-NOV-1997; 97US-0066511P.  
XX PR 16-SEP-1998; 98WO-US019330.  
XX PR 25-AUG-1999; 99US-00380139.  
XX PR 22-FEB-2000; 2000WO-US004414.  
XX PR 01-DEC-2000; 2000WO-US032678.  
XX PR 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-875645/81.  
XX N-PSDB; ADD41086.  
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or  
XX PRO4978, useful in molecular biology, chromosome and gene mapping, in  
XX generating antisense RNA and DNA, and in gene therapy.  
XX Claim 12; SEQ ID NO 272; 637pp; English.

XX The invention describes 305 nucleic acids encoding PRO (secreted and  
CC transmembrane) polypeptides (I). (I) is useful for stimulating the  
CC release of TNF-alpha from human blood, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating the proliferation or differentiation of chondrocyte cells,  
CC for stimulating the proliferation of or gene expression in pericyte  
CC cells, for stimulating the release of proteoglycans from cartilage, for  
CC stimulating the proliferation of inner ear utricular supporting cells,  
CC for stimulating the proliferation of T-lymphocyte cells, for stimulating  
CC the release of a cytokine from FMC cells, for inhibiting the binding of  
CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
CC cells, for stimulating proliferation of endothelial cells, for detecting  
CC the presence of tumour in a mammal. The tumour is lung, colon, breast,  
CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
CC are useful for isolating genomic and cDNA nucleotide sequences or  
CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
CC in assays to identify other proteins or molecules involved in binding  
CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
CC and gene mapping, in generation of antisense RNA and DNA, in the  
CC preparation of PRO polypeptide, for generating transgenic animals or  
CC knockout animals which in turn are useful in the development and  
CC screening of therapeutically useful reagents, in gene therapy, for  
CC chromosome identification, as chromosome marker, and for generating  
CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
CC detecting its expression in specific cells, tissues or serum, and for  
CC affinity purification of PRO from recombinant cell culture or natural  
CC sources. (I) and (II) are useful for tissue typing. This is the amino  
CC acid sequence of a novel human secreted and transmembrane PRO  
CC polypeptide.  
XX  
XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKSLWRTOLGPPILLTLMALAGSGTASAEFDSVLGDTASCHRCOLTYPLHT 60  
DB 1 MAAPKSLWRTOLGPPILLTLMALAGSGTASAEFDSVLGDTASCHRCOLTYPLHT 60  
QY 61 YPREELIYACQRCRFSICQPVDDGIDLNRKLCESACTEAYSQSDQVACHLGCQ 120  
DB 61 YPREELIYACQRCRFSICQPVDDGIDLNRKLCESACTEAYSQSDQVACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKWHLLPFLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180  
DB 121 LPFAELRQELMSLMPKWHLLPFLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLMQNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLMQNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTVLVSNVLLWICCATVATAVQYVPSEKLSIYGDLEPMNQKLNRYPASSLVVVR 300  
DB 241 ILTTVLVSNVLLWICCATVATAVQYVPSEKLSIYGDLEPMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHAGPLTKYNLAHSEI 323  
DB 301 SKTEDEHAGPLTKYNLAHSEI 323

RESULT 144  
ADD52226  
ID ADD52226 standard; protein; 323 AA.  
XX AC ADD52226;  
XX DT 15-JAN-2004 (first entry)  
XX DE Human PRO polypeptide #136.  
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX  
XX Homo sapiens.  
OS  
PN US2003194769-A1.  
PD 16-OCT-2003.  
XX  
XX 21-MAY-2002; 2002US-00152374.  
XX  
XX 09-DEC-1999; 99US-0170262P.  
XX 01-DEC-2000; 2000WO-US032678.  
XX 19-DEC-2001; 2001US-00028072.  
XX  
XX (GENTH ) GENENTECH INC.  
XX  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Pilvaroff E, Gao W;  
XX Garritsen WE, Goddard A, Godowski RJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WJ, Zhang Z;  
XX  
XX WPI; 2003-852593/79.  
XX N-PSDB; ADD52225.  
XX  
XX New isolated, secreted and transmembrane PRO polypeptides and nucleic  
XX acids, useful for detection of tumors, modulating the uptake of glucose  
XX or free fatty acids and stimulating the release of proteoglycans from  
XX cartilage.  
XX  
XX Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting the proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiating of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at [seqdata.uspto.gov](http://seqdata.uspto.gov).

Sequence 323 AA;

Query Match	100.0%	Score 1694	DB 7	Length 323
Best Local Similarity	100.0%	Pred. No. 5.5e-167		
Matches 323	Conservative 0	Mismatches 0	Indels 0	Gaps 0
Y	1	MAAPKSLVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT	60	
b	1	MAAPKSLVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT	60	
Y	61	YPKEEELIYACORGCELSICQFVDDGIDLNRTKLECSACEAYSDROYACHLGCQO	120	
b	61	YPKEEELIYACORGCELSICQFVDDGIDLNRTKLECSACEAYSDROYACHLGCQO	120	
Y	121	LPFAELRQELMSLMPKMLLFPILTVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF	180	
b	121	LPFAELRQELMSLMPKMLLFPILTVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF	180	
Y	181	QSKPEIOYAPHELEPTNLRSSLSKMSYLOMRNSQAHNFLEDGSDGFLRCISLNSGW	240	
b	181	QSKPEIOYAPHELEPTNLRSSLSKMSYLOMRNSQAHNFLEDGSDGFLRCISLNSGW	240	
Y	241	ILTTVLVSLVNLWICATVATAVEQVVPSEKLSIYGDLFEFNEOKLNRYPASSLWVVR	300	
b	241	ILTTVLVSLVNLWICATVATAVEQVVPSEKLSIYGDLFEFNEOKLNRYPASSLWVVR	300	
Y	301	SKTEDHEEAGPLTKVNLHSEI	323	
b	301	SKTEDHEEAGPLTKVNLHSEI	323	
RESULT 145				
ADD52966				
ID	ADD52966	standard; protein; 323 AA.		
AC	ADD52966;			
XT	15-JAN-2004	(first entry)		
DE	Human PRO polypeptide #136.			
KW	Human; PRO; secreted polypeptide; transmembrane polypeptide;			
KW	tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;			
KW	cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;			
KW	liver; microvascular endothelial cell; glucose; EPA;			
KW	skeletal muscle cell; adipocyte cell; pericyte cell;			
KW	inner ear utricular supporting cell; T-lymphocyte cell;			
KW	endothelial cell tube formation; bone disorder; cartilage disorder;			
KW	sports injury; proteoglycan; articular cartilage defect; osteoarthritis;			
KW	rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;			
KW	immune system cell infiltration.			
CS	Homo sapiens.			
XX	US2003194792-A1.			
XX	16-OCT-2003.			
PD	15-APR-2002; 2002US-00123156.			
XX	31-MAR-1997; 97WO-US005230.			
PR	12-JUN-1998; 98WO-US012456.			
PR	14-JUL-1998; 98WO-US014552.			
PR	28-AUG-1998; 98WO-US017888.			
PR	10-SEP-1998; 98WO-US018824.			
PR	14-SEP-1998; 98WO-US019093.			
PR	14-SEP-1998; 98WO-US019094.			
PR	14-SEP-1998; 98WO-US019177.			
PR	17-SEP-1998; 98WO-US019330.			
PR	16-SEP-1998; 98WO-US019437.			
PR	07-OCT-1998; 98WO-US021141.			
PR	29-OCT-1998; 98WO-US022991.			
PR	29-OCT-1998; 98WO-US022992.			
PR	20-NOV-1998; 98WO-US024855.			

PR	01-DEC-1998;	98WO-US025108.
PR	05-JAN-1999;	99WO-US000106.
PR	08-MAR-1999;	99WO-US005028.
PR	10-MAR-1999;	99WO-US005190.
PR	10-MAR-1999;	2000WO-US006319.
PR	20-APR-1999;	99WO-US008615.
PR	14-MAY-1999;	99WO-US010733.
PR	02-JUN-1999;	99WO-US012252.
PR	01-SEP-1999;	99WO-US020111.
PR	08-SEP-1999;	99WO-US020594.
PR	13-SEP-1999;	99WO-US020944.
PR	15-SEP-1999;	99WO-US021090.
PR	15-SEP-1999;	99WO-US021547.
PR	05-OCT-1999;	99WO-US023089.
PR	29-NOV-1999;	99WO-US028214.
PR	30-NOV-1999;	99WO-US028313.
PR	30-NOV-1999;	99WO-US028409.
PR	01-DEC-1999;	99WO-US028301.
PR	01-DEC-1999;	99WO-US028634.
PR	02-DEC-1999;	99WO-US028551.
PR	02-DEC-1999;	99WO-US028564.
PR	16-DEC-1999;	99WO-US030095.
PR	20-DEC-1999;	99WO-US030911.
PR	20-DEC-1999;	99WO-US030999.
PR	22-DEC-1999;	99WO-US030720.
PR	30-DEC-1999;	99WO-US031243.
PR	30-DEC-1999;	99WO-US031274.
PR	05-JAN-2000;	2000WO-US000219.
PR	06-JAN-2000;	2000WO-US000277.
PR	11-FEB-2000;	2000WO-US000376.
PR	18-FEB-2000;	2000WO-US003565.
PR	18-FEB-2000;	2000WO-US004341.
PR	22-FEB-2000;	2000WO-US004342.
PR	24-FEB-2000;	2000WO-US004414.
PR	24-FEB-2000;	2000WO-US004914.
PR	24-FEB-2000;	2000WO-US005004.
PR	01-MAR-2000;	2000WO-US005601.
PR	02-MAR-2000;	2000WO-US005746.
PR	02-MAR-2000;	2000WO-US005841.
PR	15-MAR-2000;	2000WO-US006884.
PR	20-MAR-2000;	2000WO-US007377.
PR	21-MAR-2000;	2000WO-US007532.
PR	30-MAR-2000;	2000WO-US008439.
PR	17-MAY-2000;	2000WO-US013705.
PR	22-MAY-2000;	2000WO-US014042.
PR	30-MAY-2000;	2000WO-US014941.
PR	02-JUN-2000;	2000WO-US015264.
PR	28-JUL-2000;	2000WO-US020710.
PR	11-AUG-2000;	2000WO-US022031.
PR	23-AUG-2000;	2000WO-US023522.
PR	24-AUG-2000;	2000WO-US023328.
PR	08-NOV-2000;	2000WO-US030952.
PR	10-NOV-2000;	2000WO-US030873.
PR	01-DEC-2000;	2000WO-US032678.
PR	20-DEC-2000;	2000US-00747259.
PR	20-DEC-2000;	2000WO-US034956.
PR	28-FEB-2001;	2001US-00796498.
PR	28-FEB-2001;	2001WO-US006520.
PR	01-MAR-2001;	2001WO-US006666.
PR	09-MAR-2001;	2001US-00802706.
PR	14-MAR-2001;	2001US-00808689.
PR	22-MAR-2001;	2001US-00816744.
PR	05-APR-2001;	2001US-00828366.
PR	10-MAY-2001;	2001US-00854208.
PR	10-MAY-2001;	2001US-00854280.
PR	18-MAY-2001;	2001US-00860216.
PR	25-MAY-2001;	2001US-00866028.
PR	25-MAY-2001;	2001US-00866034.
PR	25-MAY-2001;	2001WO-US017032.
PR	01-JUN-2001;	2001US-00872035.
PR	01-JUN-2001;	2001WO-US017800.
PR	05-JUN-2001;	2001US-00874503.

PR 14-JUN-2001; 2001US-00882636;  
PR 19-JUN-2001; 2001US-00886342;  
PR 20-JUN-2001; 2001WO-US019692;  
PR 21-JUN-2001; 2001US-00887879;  
PR 22-JUN-2001; 2001WO-US020116;  
PR 29-JUN-2001; 2001WO-US021066;  
PR 03-JUL-2001; 2001WO-US021735;  
PR 18-JUL-2001; 2001US-00908827;  
PR 08-AUG-2001; 2001US-00924419;  
PR 09-AUG-2001; 2001US-00927796;  
PR 16-AUG-2001; 2001US-00931836;  
PR 19-DEC-2001; 2001US-00028072;  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Deenoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI: 2003-852599/79.  
DR N-PSDB; ADD52965.  
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or  
PT PRO4978, useful in chromosome and gene mapping, in generating antisense  
PT RNA and DNA, and in the treatment of cancer.  
XX Claim 12; Fig 272; 638pp; English.  
XX The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumour necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also  
XX be used in preparing PRO polypeptides by recombinant techniques and in  
XX generating either transgenic animals or knock-out animals which are  
XX useful in the development and screening of therapeutically useful  
XX reagents. The PRO polypeptides or antibodies are used in preparing a  
XX medicament for treating a condition responsive to the polypeptides or  
XX antibodies, such as tumours, for stimulating and inhibiting proliferation  
XX of human microvascular endothelial cells, for modulating the uptake of  
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for  
XX stimulating differentiation of adipocyte cells, for stimulating  
XX proliferation of or gene expression in pericyte cells, for stimulating  
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte  
XX cells, for inducing endothelial cell tube formation and for treating  
XX various bone and/or cartilage disorders such as sports injuries and  
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans  
XX from cartilage are useful for treating sports-related joint problems. PRO  
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
XX polypeptides are also useful for treating various mammalian haemoglobin-  
XX associated disorders such as various thalassemias and conditions which  
XX may benefit from enhanced local immune system cell infiltration. This  
XX sequence represents a human PRO polypeptide of the invention. Note: The  
XX sequence data for this patent is also available in electronic format from  
XX the USPTO website at seqdata.uspto.gov.  
XX Sequence 323 AA;  
XX Query Match 100.0%; Score 1694; DB 7; Length 323;  
XX Best Local Similarity 100.0%; Pred. No. 5 5e-167;  
XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGLWVRQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLAT 60  
DB 1 MAAPKGLWVRQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLAT 60  
QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120

DB 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPFAELRQELASLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDCKIVIF 180  
DB 121 LPFAELRQELASLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDCKIVIF 180  
QY 181 QSKPEIQYAPHLEQEBPTNLRESLSKMSYLQMRNSQAHNFLEDGESDGLFCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEBPTNLRESLSKMSYLQMRNSQAHNFLEDGESDGLFCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGLBPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGLBPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
RESULT 146  
ADD53518  
ID ADD53518 standard; protein; 323 AA.  
AC ADD53518;  
XX 15-JAN-2004 (first entry)  
XX Novel human secreted and transmembrane protein PRO195.  
XX Human; secreted and transmembrane protein; PRO;  
XX Tumour necrosis factor alpha release; TNF-alpha release;  
XX Glucose uptake modulator; FFA uptake modulator;  
XX Cell proliferation stimulator; Cell differentiation stimulator;  
XX Cell differentiation inhibitor; cytokine release stimulator; tumour;  
XX lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX cervical tumour; liver tumour; chromosome mapping; gene mapping;  
XX gene therapy; chromosome identification; chromosome marker.  
XX Homo sapiens.  
XX OS US2003203437-A1.  
XX 30-OCT-2003.  
XX 15-MAY-2002; 2002US-00146728.  
XX 01-JUL-1998; 98US-0091360P.  
XX 02-JUN-1999; 99WO-US012252.  
XX 01-DEC-2000; 2000US-00380137.  
XX 01-DEC-2000; 2000WO-US032678.  
XX 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Deenoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI: 2003-875644/81.  
DR N-PSDB; ADD53517.  
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or  
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in  
PT generating antisense RNA and DNA, and in gene therapy.  
XX Claim 12; SEQ ID NO 272; 659pp; English.  
XX The invention describes 305 nucleic acids encoding PRO (secreted and  
XX transmembrane) polypeptides (I). (I) is useful for stimulating the  
XX release of TNF-alpha from human blood, for modulating the uptake of  
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for  
XX stimulating the proliferation or differentiation of chondrocyte cells,





RESULT 149  
ADD51674  
ID ADD51674 standard; protein; 323 AA.  
XX  
AC ADD51674;  
XX  
DT 15-JAN-2004 (first entry)  
XX  
DE Human PRO polypeptide #136.  
XX  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX  
OS Homo sapiens.  
XX  
FN US2003194779-A1.  
XX  
PD 16-OCT-2003.  
XX  
XX 30-MAY-2002; 2002US-00160500.  
XX  
PF 05-JUN-2000; 2000US-0209832P.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
XX  
XX (GETH ) GENENTECH INC.  
XX  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Pilvaroff B, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
XX WPI; 2003-852597/79.  
DR N-PSDB; ADD51673.  
XX  
XX New secreted and transmembrane PRO nucleic acids and polypeptides, useful  
PT for detecting the presence of a tumor, stimulating the release of tumor  
PT necrosis factor alpha from human blood and treating, e.g. organ failure.  
XX  
XX Claim 12; Fig 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems, PRO  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC the USPTO website at [seqdata.uspto.gov](http://seqdata.uspto.gov).

XX Sequence 323 AA;  
XX  
XX Query Match 100.0%; Score 1694; DB 7; Length 323;  
XX Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
XX Matches 323; Conservative 0; Mismatches 0;  
QY 1 MAAPKSLAVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
DB 1 MAAPKSLAVRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
QY 61 YPKREELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHIGCQNQ 120  
DB 61 YPKREELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHIGCQNQ 120  
QY 121 LPFABLRQSLMSLMPKMLLPPLTLVRSFWSMDMSAQSFTTSWTFYLAQDDGKIYIF 180  
DB 121 LPFABLRQSLMSLMPKMLLPPLTLVRSFWSMDMSAQSFTTSWTFYLAQDDGKIYIF 180  
QY 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOWNSQAHRNFLEDGSDGFLRCLNSGW 240  
DB 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOWNSQAHRNFLEDGSDGFLRCLNSGW 240  
QY 241 ILTTTIVLSVMVLLTICCATVATVAVQYVPSKLSIYGLEFNMNEOKLNRYFASLLVVR 300  
DB 241 ILTTTIVLSVMVLLTICCATVATVAVQYVPSKLSIYGLEFNMNEOKLNRYFASLLVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 149  
ADD02473  
ID ADD02473 standard; protein; 323 AA.  
XX  
AC ADD02473;  
XX  
DT 15-JAN-2004 (first entry)  
XX  
DE Human PRO polypeptide #136.  
XX  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX  
OS Homo sapiens.  
XX  
FN US2003203431-A1.  
XX  
PD 30-OCT-2003.  
XX  
PF 24-APR-2002; 2002US-00131820.  
XX  
PR 28-OCT-1998; 98US-0106030P.  
PR 01-SEP-1999; 99WO-US020111.



R 18-OCT-1999; 99US-00403297.  
R 18-FEB-2000; 2000WO-US004342.  
R 24-AUG-2000; 2000WO-US023328.  
R 01-DEC-2000; 2000WO-US032678.  
R 19-DEC-2001; 2001US-00028072.  
R (GETH ) GENENTECH INC.

X Baker KP, Beresini M, Deforge L, Desnoyers L, Pilvaroff E, Gao W;  
X Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
X Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

X WPI; 2003-875638/81.  
X N-PSDB; ADD02472.

X New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or  
X PRO4978, useful in molecular biology, chromosome and gene mapping, in  
X generating antisense RNA and DNA, and in gene therapy.

X Claim 12; Fig 272; 637pp; English.

X The invention relates to isolated human PRO polypeptides (secreted and  
X transmembrane polypeptides) and the polynucleotides encoding them. The  
X invention also relates to an antibody which specifically binds to a PRO  
X polypeptide, a method for stimulating the release of tumour necrosis  
X factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
X proliferation or differentiation of chondrocyte cells and a method for  
X detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
X colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
X polynucleotides are useful in molecular biology, including uses as  
X hybridisation probes, in chromosome and gene mapping, in generating  
X antisense RNA and DNA and in gene therapy. The polynucleotides may also  
X be used in preparing PRO polypeptides by recombinant techniques and in  
X generating either transgenic animals or knock-out animals which are  
X useful in the development and screening of therapeutically useful  
X reagents. The PRO polypeptides or antibodies are used in preparing a  
X medicament for treating a condition responsive to the polypeptides or  
X antibodies, such as tumours, for stimulating and inhibiting proliferation  
X of human microvascular endothelial cells, for modulating the uptake of  
X glucose or FFA by skeletal muscle cells or adipocyte cells, for  
X stimulating differentiation of adipocyte cells, for stimulating  
X the proliferation of or gene expression in pericyte cells, for stimulating  
X cells, for inducing endothelial cell tube formation and for treating  
X various bone and/or cartilage disorders such as sports injuries and  
X arthritis. PRO polypeptides which stimulate the release of proteoglycans  
X from cartilage are useful for treating sports-related joint problems,  
X articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
X polypeptides are also useful for treating various mammalian haemoglobin-  
X associated disorders such as various thalassaemias and conditions which  
X may benefit from enhanced local immune system cell infiltration. This  
X sequence represents a human PRO polypeptide of the invention. Note: The  
X sequence data for this patent is also available in electronic format from  
X USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

X Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Y 1 MAAPKGSILWRTQLGLPPLLLTALAGSGTASAEAFDSVLGTASCHRAQOLTYPLHT 60  
b 1 MAAPKGSILWRTQLGLPPLLLTALAGSGTASAEAFDSVLGTASCHRAQOLTYPLHT 60  
  
Y 61 YPKKEELYACORGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCONQ 120  
b 61 YPKKEELYACORGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCONQ 120  
  
Y 121 LPFAELQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSMTFFYLQADGKIVIF 180  
b 121 LPFAELQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSMTFFYLQADGKIVIF 180

QY 181 QSKPEIOYAPHLQOBPTNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQIAPLEQSPNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTLVLVSVLLWICCATVATAVEQYVPSKLSYIGDLEFNMEOKLNRYPASSLVVVR 300  
DB 241 ILTTLVLVSVLLWICCATVATAVEQYVPSKLSYIGDLEFNMEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVLHSEI 323  
DB 301 SKTEDEHEAGPLPTKVLHSEI 323

RESULT 150

ADD01907

ID ADD01907 standard; protein; 323 AA.

XX AC ADD01907;

XX DT 15-JAN-2004 (first entry)

XX DE Human PRO polypeptide #136.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX KW liver; microvascular endothelial cell; glucose; FFA;

XX KW skeletal muscle cell; adipocyte cell; pericyte cell;

XX KW inner ear utricular supporting cell; T-lymphocyte cell;

XX KW endothelial cell tube formation; bone disorder; cartilage disorder;

XX KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX KW immune system cell infiltration.

XX OS Homo sapiens.

XX PN US2003203430-A1.

XX PD 30-OCT-2003.

XX PF 23-APR-2002; 2002US-00128685.

XX PR 11-AUG-1998; 98US-0096143P.

XX PR 02-JUN-1999; 99WO-US012252.

XX PR 30-MAR-2000; 2000US-00380137.

XX PR 30-MAR-2000; 2000WO-US008439.

XX PR 01-DEC-2000; 2000WO-US032678.

XX PR 19-DEC-2001; 2001US-00028072.

XX PA (GETH ) GENENTECH INC.

XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Pilvaroff E, Gao W;

XX PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-875637/81.

XX N-PSDB; ADD01906.

XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or

XX PRO4978, useful in molecular biology, chromosome and gene mapping, in

XX generating antisense RNA and DNA, and in gene therapy.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumour necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems.  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX  
XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKSLWRTQLGLPPLLLLTWALAGSGTASAFDSVLGDTASCHACOLTYPLHT 60  
DB 1 MAAPKSLWRTQLGLPPLLLLTWALAGSGTASAFDSVLGDTASCHACOLTYPLHT 60  
QY 61 YPKEELYACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELYACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPHQLLPPLTVRSFWSMDMSAQSPITSSWTFYQADDKIVIF 180  
DB 121 LPFAELRQELMSLMPHQLLPPLTVRSFWSMDMSAQSPITSSWTFYQADDKIVIF 180  
QY 181 QSKPEIQYAPHLQEPNLRSSLSKMSYLOMNSQAHNFLEDESDFGLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQEPNLRSSLSKMSYLOMNSQAHNFLEDESDFGLCLSLNSGW 240  
QY 241 ILTTLVLSVWLLWICCATVATAVEQYVSEKLSIYGDLEFNEOKLNRYPASSLWVR 300  
DB 241 ILTTLVLSVWLLWICCATVATAVEQYVSEKLSIYGDLEFNEOKLNRYPASSLWVR 300  
QY 301 SKTEDEEAGPLPKVLAHSEI 323  
DB 301 SKTEDEEAGPLPKVLAHSEI 323

RESULT 151  
ADD54089  
ID ADD54089 standard; protein; 323 AA.  
XX  
AC ADD54089;  
XX  
DT 15-JAN-2004 (first entry)  
XX  
XX Novel human secreted and transmembrane protein PRO195.  
DE Human; secreted and transmembrane protein; PRO;  
XX Tumour necrosis factor alpha release; TNF-alpha release;  
KW Glucose uptake modulator; FFA uptake modulator;  
KW cell proliferation stimulator; cell differentiation stimulator;  
KW cell differentiation inhibitor; cytokine release stimulator; tumour;  
KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
KW cervical tumour; liver tumour; chromosome mapping; gene mapping;

gene therapy; chromosome identification; chromosome marker.  
Homo sapiens.  
US2003203432-A1.  
30-OCT-2003.  
10-MAY-2002; 2002US-00142886.  
05-JUN-2000; 2000US-0209832P.  
01-DEC-2000; 2000WO-US032678.  
19-DEC-2003; 2001US-00028072.  
(GETH ) GENENTECH INC.  
Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
Garritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood MI, Zhang Z;  
WPI; 2003-875639/81.  
N-PSDB; ADD54088.  
New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO114 or  
PRO4978, useful in molecular biology, chromosome and gene mapping, in  
generating antisense RNA and DNA, and in gene therapy.  
Claim 12; SEQ ID NO 272; 637pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PMBC cells, for inhibiting the binding of A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (II) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQLGLPPLLLLTWALAGSGTASAFDSVLGDTASCHACOLTYPLHT 60  
DB 1 MAAPKSLWRTQLGLPPLLLLTWALAGSGTASAFDSVLGDTASCHACOLTYPLHT 60  
QY 61 YPKEELYACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELYACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

2Y 121 LPFAELROQLMSLMPKMHLLPPLTLVRSFWSMDMSAQGFITSSWTFYLOADDGKIVIP 180  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
Db 121 LPFAELROQLMSLMPKMHLLPPLTLVRSFWSMDMSAQGFITSSWTFYLOADDGKIVIP 180  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
2Y 181 OSKPEIQVAPHEQEFNLRBSSLSKMSYLOMRNSQAHNFLEDESGDGFRLCRLSLSNGW 240  
PR 09-APR-1998; 98US-0081229P.  
PR 15-APR-1998; 98US-0081817P.  
Db 181 OSKPEIQVAPHEQEFNLRBSSLSKMSYLOMRNSQAHNFLEDESGDGFRLCRLSLSNGW 240  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
2Y 241 ILTTTLVLSVWLLWICATVATVEQVPSSEKLSIYGDLFEFNEQKLNYPASSLWVVR 300  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
Db 241 ILTTTLVLSVWLLWICATVATVEQVPSSEKLSIYGDLFEFNEQKLNYPASSLWVVR 300  
PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
2Y 301 SKTEDHEERAGPLTKVNLHSEI 323  
PR 22-APR-1998; 98US-0082700P.  
Db 301 SKTEDHEERAGPLTKVNLHSEI 323  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 22-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082796P.  
PR 27-APR-1998; 98US-0083336P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 29-APR-1998; 98US-0083559P.  
PR 30-APR-1998; 98US-0083742P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 06-MAY-1998; 98US-0084441P.  
PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085683P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-00105413.  
PR 26-JUN-1998; 98US-0090863P.  
PR 26-JUN-1998; 98US-0091010P.  
PR 01-JUL-1998; 98US-0091353P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100638P.  
PR 07-OCT-1998; 98US-0016897P.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-0108304P.  
PR 20-NOV-1998; 98US-0108304P.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 22-DEC-1998; 98US-0113296P.  
PR 22-DEC-1998; 98US-0113296P.

RESULT 152  
ADE49364  
ID ADE49364 standard; protein; 323 AA.  
XX AC ADE49364;  
XX DT 29-JAN-2004 (first entry)  
XX DE Human secreted/transmembrane protein, PRO195.  
XX KW Human; secreted protein; transmembrane protein; PRO; cytosolic;  
KW ophthalmological; antiarthritic; osteopathic; antiinflammatory; vulnary;  
KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
KW wound healing; hearing loss.  
XX JS Homo sapiens.  
XX KW Homo sapiens.  
XX PN US2003096744-A1.  
XX PD 22-MAY-2003.  
XX PF 28-JAN-2002; 2002US-00978187.  
XX PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 12-MAR-1998; 98US-0077649P.  
PR 13-MAR-1998; 98US-0077791P.  
PR 17-MAR-1998; 98US-0078004P.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 31-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080103P.  
PR 31-MAR-1998; 98US-0080163P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.



PT useful for treating pericyte-associated tumors, diabetes and various bone  
PT and/or cartilage disorders, e.g. arthritis.

PS Claim 12; SEQ ID NO 272; 636bp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumour necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also  
XX be used in preparing PRO polypeptides by recombinant techniques and in  
XX generating either transgenic animals or knock-out animals which are  
XX useful in the development and screening of therapeutically useful  
XX reagents. The PRO polypeptides or antibodies are used in preparing a  
XX medicament for treating a condition responsive to the polypeptides or  
XX antibodies, such as tumours, for stimulating and inhibiting proliferation  
XX of human microvascular endothelial cells, for modulating the uptake of  
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for  
XX stimulating differentiation of adipocyte cells, for stimulating  
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte  
XX cells, for inducing endothelial cell tube formation and for treating  
XX various bone and/or cartilage disorders such as sports injuries and  
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans  
XX from cartilage are useful for treating sports-related joint problems,  
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
XX polypeptides are also useful for treating various mammalian haemoglobin-  
XX associated disorders such as various thalassaemias and conditions which  
XX may benefit from enhanced local immune system cell infiltration. This  
XX sequence represents a human PRO polypeptide of the invention. Note: The  
XX sequence data for this patent is also available in electronic format from  
XX USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5,5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKXSLVWRTQGLPPLLLTALAGSGGTAGAPDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKXSLVWRTQGLPPLLLTALAGSGGTAGAPDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YKREBELYACQGGCELSICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGQNG 120  
DB 61 YKREBELYACQGGCELSICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGQNG 120  
QY 121 LPFAELRQQLMSLMPKRLHLLPFLTLVRSFWSMDWMSAQSPITSSWTFYLAQDQKIVIF 180  
DB 121 LPFAELRQQLMSLMPKRLHLLPFLTLVRSFWSMDWMSAQSPITSSWTFYLAQDQKIVIF 180  
QY 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLOMPSOAHNRNPLEDGEDGKRLCLSLNSGW 240  
DB 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLOMPSOAHNRNPLEDGEDGKRLCLSLNSGW 240  
QY 241 ILTTVLVSVMLLWICCATVATVEQVPSEKLSIYGDLEFNMNEOKLNRYPASSLLVVVR 300  
DB 241 ILTTVLVSVMLLWICCATVATVEQVPSEKLSIYGDLEFNMNEOKLNRYPASSLLVVVR 300  
QY 301 SKTEDEHREAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHREAGPLPTKVNLAHSEI 323

RESULT 154  
ADD91302  
ID ADD91302 standard; protein; 323 AA.

XX AC ADD91302;  
XX DT 29-JAN-2004 (first entry)  
XX DE Human PRO polypeptide #136.  
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
XX OS immune system cell infiltration.  
XX OS Homo sapiens.  
XX PN US2003199055-A1.  
XX PD 23-OCT-2003.  
XX PF 12-APR-2002; 2002US-00121063.  
XX PR 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 16-SEP-1998; 98WO-US019177.  
PR 16-SEP-1998; 98WO-US019330.  
PR 17-SEP-1998; 98WO-US019437.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022391.  
PR 29-OCT-1998; 98WO-US022992.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 10-MAR-1999; 2000WO-US006319.  
PR 20-APR-1999; 99WO-US008615.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 01-SEP-1999; 99WO-US020111.  
PR 08-SEP-1999; 99WO-US020594.  
PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 05-OCT-1999; 99WO-US023089.  
PR 29-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028651.  
PR 02-DEC-1999; 99WO-US028656.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US00376.  
PR 18-FEB-2000; 2000WO-US004341.

PR	18-FEB-2000;	2000WO-US004342.	CC	proliferation or differentiation of chondrocyte cells and a method for
PR	22-FEB-2000;	2000WO-US004414.	CC	detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
PR	24-FEB-2000;	2000WO-US004914.	CC	colon, breast, prostate, rectal, kidney, cervical and liver tumours).
PR	24-FEB-2000;	2000WO-US005004.	CC	polynucleotides are useful in molecular biology, including uses as
PR	01-MAR-2000;	2000WO-US005601.	CC	hybridisation probes, in chromosome and gene mapping, in generating
PR	02-MAR-2000;	2000WO-US005746.	CC	antisense RNA and DNA and in gene therapy. The polynucleotides may also
PR	02-MAR-2000;	2000WO-US005841.	CC	be used in preparing PRO polypeptides by recombinant techniques and in
PR	05-MAR-2000;	2000WO-US006884.	CC	generating either transgenic animals or knock-out animals which are
PR	20-MAR-2000;	2000WO-US007377.	CC	useful in the development and screening of therapeutically useful
PR	21-MAR-2000;	2000WO-US007532.	CC	medicament for treating a condition responsive to the polypeptides or
PR	30-MAR-2000;	2000WO-US008439.	CC	antibodies, such as tumours, for stimulating and inhibiting proliferation
PR	17-MAY-2000;	2000WO-US013705.	CC	of human microvascular endothelial cells, for modulating the uptake of
PR	22-MAY-2000;	2000WO-US014042.	CC	glucose or FFA by skeletal muscle cells, for stimulating
PR	30-MAY-2000;	2000WO-US014941.	CC	proliferation of or gene expression in pericyte cells, for stimulating
PR	02-JUN-2000;	2000WO-US015264.	CC	the proliferation of inner ear utricular supporting cells or T-lymphocyte
PR	28-JUL-2000;	2000WO-US020710.	CC	cells, for inducing endothelial cell tube formation and for treating
PR	11-AUG-2000;	2000WO-US023031.	CC	various bone and/or cartilage disorders such as sports injuries and
PR	23-AUG-2000;	2000WO-US023522.	CC	arthritis. PRO polypeptides which stimulate the release of proteoglycans
PR	08-NOV-2000;	2000WO-US030952.	CC	from cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
PR	10-NOV-2000;	2000WO-US030873.	CC	polypeptides are also useful for treating various mammalian haemoglobin-
PR	01-DEC-2000;	2000WO-US032678.	CC	associated disorders such as various thalassaemias and conditions which
PR	20-DEC-2000;	2000WO-US034956.	CC	may benefit from enhanced local immune system cell infiltration. This
PR	28-FEB-2001;	2001US-00796498.	CC	sequence represents a human PRO polypeptide of the invention. Note: The
PR	01-MAR-2001;	2001WO-US006520.	CC	sequence data for this patent is also available in electronic format from
PR	09-MAR-2001;	2001US-00802706.	CC	USPTO at <a href="http://seqdata.uspto.gov/sequence.html">seqdata.uspto.gov/sequence.html</a> .
PR	14-MAR-2001;	2001US-00808689.	XX	Sequence 323 AA;
PR	22-MAR-2001;	2001US-00816744.	SQ	
PR	05-APR-2001;	2001US-00828366.		
PR	10-MAY-2001;	2001US-00854208.		
PR	10-MAY-2001;	2001US-00854280.		
PR	18-MAY-2001;	2001US-00860216.		
PR	25-MAY-2001;	2001US-00866028.		
PR	25-MAY-2001;	2001US-00866034.		
PR	25-MAY-2001;	2001US-00871092.		
PR	01-JUN-2001;	2001US-00872035.		
PR	01-JUN-2001;	2001WO-US017800.		
PR	05-JUN-2001;	2001US-00874503.		
PR	14-JUN-2001;	2001US-00882636.		
PR	19-JUN-2001;	2001US-00886342.		
PR	20-JUN-2001;	2001WO-US019692.		
PR	21-JUN-2001;	2001US-00887879.		
PR	22-JUN-2001;	2001WO-US020116.		
PR	23-JUN-2001;	2001WO-US021066.		
PR	09-JUL-2001;	2001WO-US021735.		
PR	18-JUL-2001;	2001US-00908827.		
PR	06-AUG-2001;	2001US-00924419.		
PR	09-AUG-2001;	2001US-00927796.		
PR	16-AUG-2001;	2001US-00931836.		
PR	19-DEC-2001;	2001US-00028072.		
XX		(GETH ) GENENTECH INC.		
FA				
XX				
XX	Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;			
PI	Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;			
PI	Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;			
XX				
DR	WPI; 2003-900165/82.			
DR	N-PSDB; ADD91301.			
XX				
XX	Two hundred and seventy five nucleic acids encoding PRO polypeptides,			
PT	useful for treating pericyte-associated tumors, diabetes and various bone			
PT	and/or cartilage disorders, e.g. arthritis.			
XX				
XX	Claim 12; SEQ ID NO 272; 636pp; English.			
FS				
XX				
CC	The invention relates to isolated human PRO polypeptides (secreted and			
CC	transmembrane polypeptides) and the polynucleotides encoding them. The			
CC	invention also relates to an antibody which specifically binds to a PRO			
CC	polypeptide, a method for stimulating the release of tumour necrosis			
CC	factor-alpha (TNF-alpha) from human blood, a method for stimulating the			

Query Match	100.0%;	Score 1694;	DB 7;	Length 323;
Best Local Similarity	100.0%;	Pred. No. 5.5e-167;		
Matches 323;	Conservative	0;	Mismatches	0;
Indels	0;	Gaps	0;	
Qy	1	MAAPKGLWRTQLGLPPLILLTALAGSGTASAEADSVLGDTSCHRAQLTVPLHT	60	
Db	1	MAAPKGLWRTQLGLPPLILLTALAGSGTASAEADSVLGDTSCHRAQLTVPLHT	60	
Qy	61	YPKEELYACQRCGLFSICQPVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNQ	120	
Db	61	YPKEELYACQRCGLFSICQPVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNQ	120	
Qy	121	LPPAELRQQLMSLPMKHLPLTLVRSFWMDSAQSPITSSWTFVLQDDGKIVIF	180	
Db	121	LPPAELRQQLMSLPMKHLPLTLVRSFWMDSAQSPITSSWTFVLQDDGKIVIF	180	
Qy	181	QSKPRIOYAPHLRQEPNLRESLSKMSYLOVRNSQAHNFLEDGESDGLRCLNSGW	240	
Db	181	QSKPRIOYAPHLRQEPNLRESLSKMSYLOVRNSQAHNFLEDGESDGLRCLNSGW	240	
Qy	241	ILTTTLVLSVMVLLNTCCATVATAVEQYVPSEKLSIYGDLFPNFKLNRYPASSIVVR	300	
Db	241	ILTTTLVLSVMVLLNTCCATVATAVEQYVPSEKLSIYGDLFPNFKLNRYPASSIVVR	300	
Qy	301	SKTEDHEERAGPLTKVNLAHSEI	323	
Db	301	SKTEDHEERAGPLTKVNLAHSEI	323	

RESULT 155  
ADE03916  
ID ADE03916 standard; protein; 323 AA.  
XX ADE03916;  
AC ADE03916;  
XX 29-JAN-2004 (first entry)  
XX Human PRO polypeptide #136.  
DE Human; PRO; secreted polypeptide; transmembrane polypeptide;  
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

liver; microvascular endothelial cell; glucose; FFA;  
skeletal muscle cell; adipocyte cell; pericyte cell;  
inner ear utricular supporting cell; T lymphocyte cell;  
endothelial cell tube formation; bone disorder; cartilage disorder;  
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
rheumatoid arthritis; haemoglobin-associated disorder thalassemia;  
immune system cell infiltration.

CC	30-MAR-2000;	2000WO-US008439.	PR
CC	17-MAY-2000;	2000WO-US013705.	PR
CC	22-MAY-2000;	2000WO-US014042.	PR
CC	30-MAY-2000;	2000WO-US014941.	PR
CC	02-JUN-2000;	2000WO-US015264.	PR
CC	28-JUL-2000;	2000WO-US020710.	PR
CC	11-AUG-2000;	2000WO-US022031.	PR
CC	23-AUG-2000;	2000WO-US023522.	PR
CC	24-AUG-2000;	2000WO-US023328.	PR
CC	08-NOV-2000;	2000WO-US030952.	PR
CC	10-NOV-2000;	2000WO-US030873.	PR
CC	01-DEC-2000;	2000WO-US032678.	PR
CC	20-DEC-2000;	2000US-00747359.	PR
CC	20-DEC-2000;	2000WO-US034956.	PR
CC	28-FEB-2001;	2001US-00796498.	PR
CC	28-FEB-2001;	2001WO-US006520.	PR
CC	01-MAR-2001;	2001WO-US006666.	PR
CC	09-MAR-2001;	2001US-00802106.	PR
CC	14-MAR-2001;	2001US-00808689.	PR
CC	22-MAR-2001;	2001US-00816744.	PR
CC	05-APR-2001;	2001US-00828366.	PR
CC	10-MAY-2001;	2001US-00854208.	PR
CC	18-MAY-2001;	2001US-00854280.	PR
CC	25-MAY-2001;	2001US-00866028.	PR
CC	25-MAY-2001;	2001US-00866034.	PR
CC	01-JUN-2001;	2001US-00872035.	PR
CC	01-JUN-2001;	2001WO-US017800.	PR
CC	05-JUN-2001;	2001US-00874503.	PR
CC	14-JUN-2001;	2001US-00882636.	PR
CC	19-JUN-2001;	2001US-00886342.	PR
CC	20-JUN-2001;	2001WO-US015692.	PR
CC	21-JUN-2001;	2001US-00887879.	PR
CC	22-JUN-2001;	2001WO-US020116.	PR
CC	29-JUN-2001;	2001WO-US021066.	PR
CC	09-JUL-2001;	2001WO-US021735.	PR
CC	18-JUL-2001;	2001US-00908827.	PR
CC	06-AUG-2001;	2001US-00924419.	PR
CC	09-AUG-2001;	2001US-00927796.	PR
CC	16-AUG-2001;	2001US-00931836.	PR
CC	19-DEC-2001;	2001US-00028072.	PR
XX	(GETH ) GENENTECH INC.		XX
XX	Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;		XX
PI	Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;		PI
PI	Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;		PI
XX	WPI; 2003-900167/82.		XX
DR	N-PSDB; ADR03915.		DR
XX	Two hundred and seventy five nucleic acids encoding PRO polypeptides,		XX
PT	useful for treating pericyte-associated tumors, diabetes and various bone		PT
PT	and/or cartilage disorders, e.g. arthritis.		PT
XX	Claim 12; Fig 272; 637pp; English.		XX
CC	The invention relates to isolated human PRO polypeptides (secreted and		CC
CC	transmembrane polypeptides) and the polynucleotides encoding them. The		CC
CC	invention also relates to an antibody which specifically binds to a PRO		CC
CC	polypeptide, a method for stimulating the release of tumour necrosis		CC
CC	factor-alpha (TNF-alpha) from human blood, a method for stimulating the		CC
CC	proliferation or differentiation of chondrocyte cells and a method for		CC
CC	detecting the presence of a tumour in a mammal (e.g. adrenal, lung,		CC
CC	colon, breast, prostate, rectal, kidney, cervical and liver tumours). The		CC
CC	polynucleotides are useful in molecular biology, including uses as		CC
CC	hybridisation probes, in chromosome and gene mapping, in generating		CC
CC	antisense RNA and DNA and in gene therapy. The polynucleotides may also		CC
CC	be used in preparing PRO polypeptides by recombinant techniques and in		CC
CC	generating either transgenic animals or knock-out animals which are		CC
CC	useful in the development and screening of therapeutically useful		CC
CC	reagents. The PRO polypeptides or antibodies are used in preparing a		CC

medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSVWRTQGLPPIILLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSVWRTQGLPPIILLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOKNSQAHNFLEDGESDGLFCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOKNSQAHNFLEDGESDGLFCLSLNSGW 240  
QY 241 ILTTTIVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTIVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHEAGPLPTKYNLAHSEI 323

RESULT 156  
ADE32213  
ID ADE32213 standard; protein; 323 AA.

AC ADE32213;  
XX ADE32213;  
XX 29-JAN-2004 (first entry)

DE Novel human secreted and transmembrane protein PRO195.  
XX Human; secreted and transmembrane protein; PRO;  
XX Tumour necrosis factor alpha release; TNF-alpha release;  
XX Glucose uptake modulator; FFA uptake modulator;  
XX cell proliferation stimulator; cell differentiation stimulator;  
XX cell differentiation inhibitor; cytokine release stimulator; tumour;  
XX lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX cervical tumour; liver tumour; chromosome mapping; gene mapping;  
XX gene therapy; chromosome identification; chromosome marker.  
OS Homo sapiens.  
XX US2003194765-A1.

PD 16-OCT-2003.  
XX 09-MAY-2002; 2002US-00142889.  
XX 03-MAR-2000; 2000US-0187202P.  
PR 01-DEC-2000; 2000MO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Pilvaroff E, Gao W;  
PI Gerritsen WE, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-899784/82.  
XX N-PSDB; ADE32212.

Two hundred and seventy five nucleic acids encoding PRO polypeptides, useful for treating pericyte-associated tumors, diabetes and various bone and/or cartilage disorders, e.g. arthritis.

Claim 12; SEQ ID NO 272; 636pp; English.

The invention describes 305 nucleic acids encoding PRO (secreted and transmembrane) polypeptides (I). (I) is useful for stimulating the release of TNF-alpha from human blood, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating the proliferation or differentiation of chondrocyte cells, for stimulating the proliferation of or gene expression in pericyte cells, for stimulating the release of proteoglycans from cartilage, for stimulating the proliferation of inner ear utricular supporting cells, for stimulating the proliferation of T-lymphocyte cells, for stimulating the release of a cytokine from PBMC cells, for inhibiting the binding of A-peptide to factor VIIa, for inhibiting the differentiation of adipocyte cells, for stimulating proliferation of endothelial cells, for detecting the presence of tumour in a mammal. The tumour is lung, colon, breast, prostate, rectal, cervical or liver tumour. The oligonucleotide probes are useful for isolating genomic and cDNA nucleotide sequences or antisense probes. (I) is also useful as therapeutic agent. PRO is useful in assays to identify other proteins or molecules involved in binding interaction. A polynucleotide (II) encoding (I) is useful in chromosome and gene mapping, in generation of antisense RNA and DNA, in the preparation of PRO polypeptide, for generating transgenic animals or knockout animals which in turn are useful in the development and screening of therapeutically useful reagents, in gene therapy, for chromosome identification, as chromosome marker, and for generating probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g. detecting its expression in specific cells, tissues or serum, and for affinity purification of PRO from recombinant cell culture or natural sources. (I) and (II) are useful for tissue typing. This is the amino acid sequence of a novel human secreted and transmembrane PRO polypeptide.

Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSVWRTQGLPPIILLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSVWRTQGLPPIILLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOKNSQAHNFLEDGESDGLFCLSLNSGW 240



181 QSKPEIQAPHLEQPTNLRESSLSKMSYIQMNSQAHNRNLFEDGESDGFRLCLSLNSCW 240  
241 ILTTTLVLSVWVLLNICATVATAVEQYVSEKLSIYGDLSEFVNEOKLARYPASSLWVVR 300  
241 ILTTTLVLSVWVLLNICATVATAVEQYVSEKLSIYGDLSEFVNEOKLARYPASSLWVVR 300  
301 SKTEDEHEAGPLPTKVNLAHSEI 323  
301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 157  
WDE22145  
D ADE22145 standard; protein; 323 AA.  
X LC  
X ADE22145;  
X 29-JAN-2004 (first entry)  
X Human PRO polypeptide #136.  
X Human; PRO; secreted polypeptide; transmembrane polypeptide;  
X tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
X cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
X liver; microvascular endothelial cell; glucose; RPA;  
X skeletal muscle cell; adipocyte cell; pericyte cell;  
X inner ear utricular supporting cell; T-lymphocyte cell;  
X endothelial cell tube formation; bone disorder; cartilage disorder;  
X sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
X rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
X immune system cell infiltration.  
X  
X Homo sapiens.  
X  
X US2003199056-A1.  
X  
X 23-OCT-2003.  
X  
X 15-APR-2002; 2002US-00123212.  
X  
X 31-MAR-1997; 97WO-US005230.  
X 12-JUN-1998; 98WO-US012456.  
X 14-JUL-1998; 98WO-US014552.  
X 28-AUG-1998; 98WO-US017888.  
X 10-SEP-1998; 98WO-US018824.  
X 14-SEP-1998; 98WO-US019093.  
X 14-SEP-1998; 98WO-US019094.  
X 14-SEP-1998; 98WO-US019177.  
X 16-SEP-1998; 98WO-US019330.  
X 17-SEP-1998; 98WO-US019437.  
X 07-OCT-1998; 98WO-US021141.  
X 29-OCT-1998; 98WO-US022991.  
X 29-OCT-1998; 98WO-US022992.  
X 20-NOV-1998; 98WO-US024855.  
X 01-DEC-1998; 98WO-US025108.  
X 05-JAN-1999; 99WO-US000105.  
X 08-MAR-1999; 99WO-US005028.  
X 10-MAR-1999; 99WO-US005190.  
X 10-MAR-1999; 2000WO-US006319.  
X 20-APR-1999; 99WO-US008615.  
X 14-MAY-1999; 99WO-US010733.  
X 02-JUN-1999; 99WO-US012252.  
X 01-SEP-1999; 99WO-US020111.  
X 08-SEP-1999; 99WO-US020594.  
X 13-SEP-1999; 99WO-US020944.  
X 15-SEP-1999; 99WO-US021090.  
X 15-SEP-1999; 99WO-US021547.  
X 05-OCT-1999; 99WO-US023089.  
X 29-NOV-1999; 99WO-US028214.  
X 30-NOV-1999; 99WO-US028313.  
X 30-NOV-1999; 99WO-US028409.  
X 01-DEC-1999; 99WO-US028301.  
X 01-DEC-1999; 99WO-US028634.

PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030989.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US00376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 22-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US0796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001US-00891992.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 23-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.

(GETH ) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart IA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX

DR WPI: 2003-900166/82.  
XX N-PSDB; ADE22144.  
XX  
PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
PT useful for treating pericyte-associated tumors, diabetes and various bone  
PT and/or cartilage disorders, e.g. arthritis.  
XX  
XX  
PS Claim 12; Fig 272; 638pp; English.  
XX  
XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC the proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems, PRO  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC the USPTO website at seqdata.uepto.gov.  
XX  
SQ Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
Qy 1 MAAPKGSGLWVRTQLGLPPLILLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKGSGLWVRTQLGLPPLILLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Qy 61 YPKEEELIACORCLFISICQVDDGIDILNRTKLECSACTEAYSQSDQYACHIGCQNG 120  
Db 61 YPKEEELIACORCLFISICQVDDGIDILNRTKLECSACTEAYSQSDQYACHIGCQNG 120  
Qy 121 LPFAELRQELMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQELMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIYAPHLQEPNTNRESSLISQMSVLOVNSQAHNFLEDGESDGLFCLSLNSGW 240  
Db 181 QSKPEIYAPHLQEPNTNRESSLISQMSVLOVNSQAHNFLEDGESDGLFCLSLNSGW 240  
Qy 241 ILATTVLVLNVLNLTCCATVATVQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILATTVLVLNVLNLTCCATVATVQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHAEGLPTKYNLAHSEI 323  
Db 301 SKTEDEHAEGLPTKYNLAHSEI 323

RESULT 158  
ADD79369  
ID ADD79369 standard; protein; 323 AA.  
XX  
XX ADD79369;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
XX Human PRO polypeptide #136.  
XX  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
XX liver; microvascular endothelial cell; glucose; FFA;  
XX skeletal muscle cell; adipocyte cell; pericyte cell;  
XX inner ear utricular supporting cell; T-lymphocyte cell;  
XX endothelial cell tube formation; bone disorder; cartilage disorder;  
XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
XX rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
XX immune system cell infiltration.  
XX  
XX Homo sapiens. OS  
XX  
XX US2003203428-A1.  
XX  
XX 30-OCT-2003.  
XX  
XX 22-APR-2002; 2002US-00127852.  
XX  
XX 09-DEC-1999; 99US-0170262P.  
XX  
XX 01-DEC-2000; 2000WO-US032678.  
XX  
XX 19-DEC-2001; 2001US-00028072.  
XX  
XX (GETH ) GENENTECH INC.  
XX  
XX Baker KP, Bersini M, Deforge L, Desnoyers L, Pilvaroff B, Gao W;  
XX Gerritsen MB, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
XX WPI: 2003-975635/81.  
XX  
XX N-PSDB; ADD79368.  
XX  
XX New isolated, secreted and transmembrane PRO polypeptides and nucleic  
XX acids, useful for the diagnosis, prevention and/or treatment of tumors,  
XX such as lung, colon, breast, prostate, rectal, cervical and/or liver  
XX tumors.  
XX  
XX Claim 12; Fig 272; 637pp; English.  
XX  
XX The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumour necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also  
XX be used in preparing PRO polypeptides by recombinant techniques and in  
XX generating either transgenic animals or knock-out animals which are  
XX useful in the development and screening of therapeutically useful  
XX reagents. The PRO polypeptides or antibodies are used in preparing a  
XX medicament for treating a condition responsive to the polypeptides or  
XX antibodies, such as tumours, for stimulating and inhibiting proliferation  
XX of human microvascular endothelial cells, for modulating the uptake of  
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for  
XX stimulating differentiation of adipocyte cells, for stimulating  
XX the proliferation of or gene expression in pericyte cells, for stimulating  
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte  
XX cells, for inducing endothelial cell tube formation and for treating  
XX various bone and/or cartilage disorders such as sports injuries and  
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans  
XX from cartilage are useful for treating sports-related joint problems, PRO  
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
XX polypeptides are also useful for treating various mammalian haemoglobin-  
XX associated disorders such as various thalassaemias and conditions which  
XX may benefit from enhanced local immune system cell infiltration. This  
XX sequence represents a human PRO polypeptide of the invention. Note: The  
XX sequence data for this patent is also available in electronic format from  
XX the USPTO website at seqdata.uepto.gov.

C various bone and/or cartilage disorders such as sports injuries and  
C arthritis. PRO polypeptides which stimulate the release of proteoglycans  
C from cartilage are useful for treating sports-related joint problems. PRO  
C articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
C polypeptides are also useful for treating various mammalian haemoglobin-  
C associated disorders such as various thalassemias and conditions which  
C may benefit from enhanced local immune system cell infiltration. This  
C sequence represents a human PRO polypeptide of the invention. Note: The  
C sequence data for this patent is also available in electronic format from  
C the USPTO website at seqdata.uspto.gov.

XX Query Match 100.0%; Score 1694; DB 7; Length 323;  
XX Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
YY 1 MAAPKGLWRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
YY 1 MAAPKGLWRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
YY 61 YPKEEELACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120  
YY 61 YPKEEELACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120  
YY 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180  
YY 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180  
YY 181 QSKPEIOYAPHLQEPNTLRESLSKMSYLOMNSQAHNFLEDGSDGFLCLSLNSGW 240  
YY 181 QSKPEIOYAPHLQEPNTLRESLSKMSYLOMNSQAHNFLEDGSDGFLCLSLNSGW 240  
YY 241 ILTTLVLSVWLLMICCATVATAVEQYVSEKLSIYGDLEFNEQKLNRYFASLLVVR 300  
YY 241 ILTTLVLSVWLLMICCATVATAVEQYVSEKLSIYGDLEFNEQKLNRYFASLLVVR 300  
YY 301 SKTEDHEAGFLPTKYNLAHSEI 323  
YY 301 SKTEDHEAGFLPTKYNLAHSEI 323

RESULT 159  
DE35418  
D ADE35418 standard; protein; 323 AA.  
C ADE35418;  
T 29-JAN-2004 (first entry)  
X Human secreted/transmembrane protein, PRO195.  
X Human; secreted protein; transmembrane protein; PRO; cytostatic;  
X ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
X auditory; tumour growth; retinal disorder; sports-related joint problem;  
X articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
X wound healing; hearing loss.  
X Homo sapiens.  
X US2003203434-A1.  
X 30-OCT-2003.  
X 18-OCT-2001; 2001US-00145088.  
X 15-MAY-1998; 98US-0085689P.  
X 08-MAR-1999; 99WO-US0005028.  
X 28-APR-1999; 99US-0131445P.  
X 25-AUG-1999; 99US-00380138.  
X 18-FEB-2000; 2000WO-US004341.  
X 30-JUL-2001; 2001US-00918585.

PA (GETH ) GENENTECH INC.  
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
XX Goddard A, Godowski FJ, Grimaldi JC, Gurney AL, Hillan KJ;  
XX Klijavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
XX Stewart TA, Tumas D, Williams PM, Wood WI;  
XX WPI; 2003-875641/81.  
XX N-PSDB; ADE35417.  
XX New genes, and its encoded secreted and transmembrane polypeptides,  
XX useful for treating e.g. lung or breast tumors, osteoarthritis,  
XX rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,  
XX hypoinsulinemia or wounds.  
XX Claim 12; SEQ ID NO 330; 462pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or  
XX transmembrane protein) having at least 80% amino acid sequence identity  
XX to an amino acid sequence chosen from 94 fully defined sequences as given  
XX in the specification (including PRO lacking its associated signal  
XX peptide, a PRO extracellular domain with or without its associated signal  
XX peptide). Also included are nucleic acids encoding the PRO proteins  
XX mentioned above, a vector comprising a PRO nucleic acid, a host cell  
XX comprising the vector and producing PRO, a chimeric molecule comprising  
XX PRO fused to a heterologous amino acid sequence, and an anti-PRO  
XX antibody. PRO337 polypeptide is useful for detecting a PRO4993  
XX polypeptide in a sample suspected of containing PRO4993 polypeptide.  
XX Similarly, PRO4993 polypeptide is useful for detecting PRO337  
XX polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
XX PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
XX PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
XX bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
XX molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
XX causes death of the cell. PRO337 polypeptide is useful for linking a  
XX bioactive molecule to a cell expressing PRO4993 polypeptide. PRO725,  
XX PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
XX to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
XX useful for linking a bioactive molecule to a cell expressing PRO725,  
XX PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
XX polypeptide is useful for modulating at least one biological activity of  
XX the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
XX polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
XX biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
XX PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
XX modulating the biological activity of the cell expressing PRO1559  
XX polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
XX PRO739 polypeptide is useful for modulating the biological activity of  
XX the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
XX polypeptides are useful for inhibiting tumour growth, retinal disorders,  
XX sports-related joint problems, articular cartilage defects,  
XX osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
XX mammals. The present sequence represents a PRO protein.

XX Sequence 323 AA;  
XX Query Match 100.0%; Score 1694; DB 7; Length 323;  
XX Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
YY 1 MAAPKGLWRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
YY 1 MAAPKGLWRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
YY 61 YPKEEELACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120  
YY 61 YPKEEELACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120  
YY 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180  
YY 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180

QY 181 QSKPEIQYAPHLQBPNTNLRSSLSKMSYLOWNSQAHNFLEDSGDFLRLCLSLNSGW 240  
 Db 181 QSKPEIQYAPHLQBPNTNLRSSLSKMSYLOWNSQAHNFLEDSGDFLRLCLSLNSGW 240  
 QY 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSSEKLSIYGDLEFNMQKLNRYPASSLVVVR 300  
 Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSSEKLSIYGDLEFNMQKLNRYPASSLVVVR 300  
 QY 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDEHERAGPLPTKVNLAHSEI 323

RESULT 160  
 ADE16532  
 ID ADE16532 standard; protein; 323 AA.  
 XX  
 AC ADE16532;  
 XX  
 DT 29-JAN-2004 (first entry)  
 DE Human secreted/transmembrane protein, PRO195.  
 XX Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 KW wound healing; hearing loss.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003203435-A1.  
 XX  
 PD 30-OCT-2003.  
 XX  
 PF 18-OCT-2001; 2001US-00145092.  
 XX  
 PR 30-APR-1998; 98US-0083742P.  
 PR 08-MAR-1999; 99RC-US005028.  
 PR 23-JUN-1999; 99US-0141037P.  
 PR 25-AUG-1999; 99US-00380138.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Ashkenazi AJ, Baker KP, Botstein D, Deenoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen MB;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kijavini IJ, Kuc SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX WPI; 2003-875642/81.  
 DR N-PSDS; ADE16531.  
 XX  
 XX New genes, and its encoded secreted and transmembrane polypeptides,  
 PT useful for treating e.g. lung or breast tumors, osteoarthritis,  
 PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,  
 PT hypoinulinemia or wounds.  
 XX  
 XX Claim 12; SEQ ID NO 330; 452pp; English.

The invention relates to an isolated PRO polypeptide (secreted or transmembrane protein) having at least 80% amino acid sequence identity to an amino acid sequence chosen from 94 fully defined sequences as given in the specification (including PRO lacking its associated signal peptide, a PRO extracellular domain with or without its associated signal peptide). Also included are nucleic acids encoding the PRO proteins mentioned above, a vector comprising a PRO nucleic acid, a host cell comprising the vector and producing PRO, a chimeric molecule comprising PRO fused to a heterologous amino acid sequence, and an anti-PRO antibody. PRO337 polypeptide is useful for detecting a PRO4993 polypeptide in a sample suspected of containing PRO4993 polypeptide.

CC Similarly, PRO4993 polypeptide is useful for detecting PRO337 polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a PRO725, PRO700 or PRO739, PRO4993 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive molecule is the toxin, radiolabel, or an antibody. The bioactive molecule causes death of the cell. PRO337 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is useful for linking a bioactive molecule to a cell expressing PRO725, PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337 polypeptide is useful for modulating at least one biological activity of the cell expressing PRO337 polypeptide, where the cell is killed. PRO337 polypeptide or anti-PRO4993 polypeptide is useful for modulating the biological activity of the cell expressing PRO4993 polypeptide; PRO725, PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for modulating the biological activity of the cell expressing PRO1559 polypeptide; and PRO1559 polypeptide or anti-PRO700 or anti-PRO739 polypeptide is useful for modulating the biological activity of the cell expressing PRO725, PRO700 or PRO739 polypeptide. The polypeptides are useful for inhibiting tumour growth, retinal disorders, sports-related joint problems, articular cartilage defects, osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in mammals. The present sequence represents a PRO protein.

XX Sequence 323 AA;  
 SQ

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
 Matches 323; Conservative 0; Mismatches 0;  
 QY 1 MAAPKGSLSVWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
 Db 1 MAAPKGSLSVWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
 QY 61 YPKKEELYACQRCGLPFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCONQ 120  
 Db 61 YPKKEELYACQRCGLPFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCONQ 120  
 QY 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWMDSAQSFITSSWTFYLOADDGKIVIF 180  
 Db 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWMDSAQSFITSSWTFYLOADDGKIVIF 180  
 QY 181 QSKPEIQYAPHLQBPNTNLRSSLSKMSYLOWNSQAHNFLEDSGDFLRLCLSLNSGW 240  
 Db 181 QSKPEIQYAPHLQBPNTNLRSSLSKMSYLOWNSQAHNFLEDSGDFLRLCLSLNSGW 240  
 QY 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSSEKLSIYGDLEFNMQKLNRYPASSLVVVR 300  
 Db 241 ILTTTLVLSVMVLLNICCATVATAVEQYVPSSEKLSIYGDLEFNMQKLNRYPASSLVVVR 300  
 QY 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDEHERAGPLPTKVNLAHSEI 323

RESULT 161  
 ADD73147  
 ID ADD73147 standard; protein; 323 AA.

XX AC ADD73147;  
 XX  
 XX 29-JAN-2004 (first entry)  
 DT Human secreted/transmembrane protein, PRO195.  
 XX Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 KW wound healing; hearing loss.  
 XX

NS Homo sapiens.  
 XX US2003203436-A1.  
 XX 30-OCT-2003.  
 XX 18-OCT-2001; 2001US-00145129.  
 XX 22-MAY-1998; 98US-0086414P.  
 XX 22-DEC-1998; 98US-0113296P.  
 XX 05-JAN-1999; 99WO-US000106.  
 XX 08-MAR-1999; 99WO-US005028.  
 XX 12-APR-1999; 99US-00284291.  
 XX 25-AUG-1999; 99US-00380138.  
 XX 18-FEB-2000; 2000WO-US004341.  
 XX 30-JUL-2001; 2001US-00918585.  
 XX (GETH ) GENENTECH INC.  
 XX Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Eaton DL,  
 XX Ferrara N, Filvaroff E, Pong S, Gao W, Garber H, Gerritsen ME;  
 XX Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 XX Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy WA, Shelton DL;  
 XX Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX WPI; 2003-875643/81.  
 XX N-PSDB; ADD73146.  
 XX New PRO genes and encoded secreted and transmembrane polypeptides, useful  
 XX for treating e.g. lung or breast tumors, osteoarthritis, rheumatoid  
 XX arthritis, obesity, diabetes, hyperinsulinemia, hypoinulinemia or  
 XX wounds.  
 XX Claim 12; SEQ ID NO 330; 453pp; English.  
 XX The invention relates to an isolated PRO polypeptide (secreted or  
 XX transmembrane protein) having at least 80% amino acid sequence identity  
 XX to an amino acid sequence chosen from 94 fully defined sequences as given  
 XX in the specification (including PRO lacking its associated signal  
 XX peptide). Also included are nucleic acids encoding the PRO proteins  
 XX mentioned above, a vector comprising a PRO nucleic acid, a host cell  
 XX comprising the vector and producing PRO, a chimeric molecule comprising  
 XX PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 XX antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 XX polypeptide in a sample suspected of containing PRO4993 polypeptide.  
 XX Similarly, PRO4993 polypeptide is useful for detecting PRO337  
 XX polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
 XX PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
 XX PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
 XX bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
 XX molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
 XX causes death of the cell. PRO337 polypeptide is useful for linking a  
 XX bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
 XX PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
 XX to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
 XX useful for linking a bioactive molecule to a cell expressing PRO725,  
 XX PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
 XX polypeptide is useful for modulating at least one biological activity of  
 XX the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
 XX polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
 XX biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
 XX PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
 XX modulating the biological activity of the cell expressing PRO1559  
 XX polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
 XX PRO739 polypeptide is useful for modulating the biological activity of  
 XX the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
 XX polypeptides are useful for inhibiting tumour growth, retinal disorders,  
 XX sports-related joint problems, articular cartilage defects,  
 XX osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
 XX mammals. The present sequence represents a PRO protein.  
 XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKGSILWRTQGLPPLLLLTWALAGSGGTASARAFDSVLGDTASCHRACOLTYPLHT 60  
 DB 1 MAAPKGSILWRTQGLPPLLLLTWALAGSGGTASARAFDSVLGDTASCHRACOLTYPLHT 60  
 QY 61 YPKKEELYACQGRCLPSICQFVDDGDIDLNRKLECESACTEAYSQSDDEQYACHLGCONQ 120  
 DB 61 YPKKEELYACQGRCLPSICQFVDDGDIDLNRKLECESACTEAYSQSDDEQYACHLGCONQ 120  
 QY 121 LPFAELRQELMSLAPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKLVIF 180  
 DB 121 LPFAELRQELMSLAPKXHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKLVIF 180  
 QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRNFLEDGSDGFLRCLSLNSGW 240  
 DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQMRNSQAHNRNFLEDGSDGFLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLEFVNEOKLNRYPASSLVVVR 300  
 DB 241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLEFVNEOKLNRYPASSLVVVR 300  
 QY 301 SKTEDHEEAGPLTKVNLHSEI 323  
 DB 301 SKTEDHEEAGPLTKVNLHSEI 323  
 RESULT 162  
 ADE41905  
 ID ADE41905 standard; protein; 323 AA.  
 XX ADE41905;  
 XX 29-JAN-2004 (first entry)  
 XX Human PRO polypeptide #136.  
 XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
 XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
 XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
 XX liver; microvascular endothelial cell; glucose; FFA;  
 XX skeletal muscle cell; adipocyte cell; pericyte cell;  
 XX inner ear utricular supporting cell; T-lymphocyte cell;  
 XX endothelial cell tube formation; bone disorder; cartilage disorder;  
 XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 XX rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
 XX immune system cell infiltration.  
 XX Homo sapiens.  
 XX US2003194772-A1.  
 XX 16-OCT-2003.  
 XX 21-MAY-2002; 2002US-00152386.  
 XX 03-MAR-2000; 2000US-0187202P.  
 XX 01-DEC-2000; 2000WO-US032678.  
 XX 19-DEC-2001; 2001US-00028072.  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Beresini M, DeForge L, Desnovers L, Filvaroff E, Gao W;  
 XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 XX WPI; 2003-899788/82.  
 XX N-PSDB; ADE41904.  
 XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,



R 18-FEB-2000; 2000WO-US0004342.  
R 22-FEB-2000; 2000WO-US0004414.  
R 24-FEB-2000; 2000WO-US0004914.  
R 24-FEB-2000; 2000WO-US0005004.  
R 01-MAR-2000; 2000WO-US0005601.  
R 02-MAR-2000; 2000WO-US0005746.  
R 02-MAR-2000; 2000WO-US0005841.  
R 15-MAR-2000; 2000WO-US0006884.  
R 20-MAR-2000; 2000WO-US0007377.  
R 21-MAR-2000; 2000WO-US0007532.  
R 30-MAR-2000; 2000WO-US0008439.  
R 17-MAY-2000; 2000WO-US013705.  
R 22-MAY-2000; 2000WO-US014042.  
R 30-MAY-2000; 2000WO-US014941.  
R 02-JUN-2000; 2000WO-US015264.  
R 28-JUL-2000; 2000WO-US020710.  
R 11-AUG-2000; 2000WO-US022031.  
R 23-AUG-2000; 2000WO-US023522.  
R 24-AUG-2000; 2000WO-US023328.  
R 08-NOV-2000; 2000WO-US030952.  
R 10-NOV-2000; 2000WO-US030873.  
R 01-DEC-2000; 2000WO-US032678.  
R 20-DEC-2000; 2000US-00747259.  
R 20-DEC-2000; 2000WO-US034956.  
R 28-FEB-2001; 2001US-00796498.  
R 28-FEB-2001; 2001WO-US000520.  
R 01-MAR-2001; 2001WO-US000566.  
R 09-MAR-2001; 2001US-00802706.  
R 14-MAR-2001; 2001US-00808689.  
R 22-MAR-2001; 2001US-00816744.  
R 05-APR-2001; 2001US-00828366.  
R 10-MAY-2001; 2001US-00854208.  
R 10-MAY-2001; 2001US-00854280.  
R 18-MAY-2001; 2001US-00860216.  
R 25-MAY-2001; 2001US-00866028.  
R 25-MAY-2001; 2001US-00866034.  
R 01-JUN-2001; 2001US-00871092.  
R 01-JUN-2001; 2001US-00872035.  
R 01-JUN-2001; 2001WO-US017800.  
R 05-JUN-2001; 2001US-00874503.  
R 14-JUN-2001; 2001US-00882636.  
R 19-JUN-2001; 2001US-00886342.  
R 20-JUN-2001; 2001WO-US019692.  
R 21-JUN-2001; 2001US-00887879.  
R 22-JUN-2001; 2001WO-US020116.  
R 29-JUN-2001; 2001WO-US021066.  
R 09-JUL-2001; 2001WO-US021735.  
R 18-JUL-2001; 2001US-00908827.  
R 06-AUG-2001; 2001US-00924419.  
R 09-AUG-2001; 2001US-00927796.  
R 16-AUG-2001; 2001US-00931836.  
R 19-DEC-2001; 2001US-00028072.

(GETH ) GENENTECH INC.

Baker KP, Beresini M, Deforge L, Deenoyers L, Filvaroff B, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI: 2003-900155/82.  
N-PSDB: ADE17721.

Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
useful for treating pericyte-associated tumors, diabetes and various bone  
and/or cartilage disorders, e.g. arthritis.

Claim 12; SEQ ID NO 272; 637pp; English.

The invention relates to isolated human PRO polypeptides (secreted and  
transmembrane polypeptides) and the polynucleotides encoding them. The  
invention also relates to an antibody which specifically binds to a PRO  
polypeptide, a method for stimulating the release of tumour necrosis  
factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWRTQIGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQLTPLHT 60  
DB 1 MAAPKGSILWRTQIGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQLTPLHT 60  
QY 61 YPKKEELIYACQRCGLFSICQFVDDGIDLNRTKLECSACTRAYSOSDEQYACHLGCNQ 120  
DB 61 YPKKEELIYACQRCGLFSICQFVDDGIDLNRTKLECSACTRAYSOSDEQYACHLGCNQ 120  
QY 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLAQDGGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLAQDGGKIVIF 180  
QY 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOWNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOWNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTLVLVSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTLVLVSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHREAGPLTKVNLHSEI 323  
DB 301 SKTEDEHREAGPLTKVNLHSEI 323

RESULT 164

ADD91854

ID ADD91854 standard; protein; 323 AA.

XX  
AC ADD91854;  
XX

DT 29-JAN-2004 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
XX cancer; adrenal; lung; colon; breast; prostate; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX  
XX Homo sapiens.  
XX US2003199053-A1.  
XX 23-OCT-2003.  
XX 12-APR-2002; 2002US-00121053.  
XX 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 14-SEP-1998; 98WO-US019177.  
PR 16-SEP-1998; 98WO-US019330.  
PR 17-SEP-1998; 98WO-US019437.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022991.  
PR 29-OCT-1998; 98WO-US024855.  
PR 20-NOV-1998; 98WO-US025108.  
PR 01-DEC-1998; 99WO-US000106.  
PR 05-JAN-1999; 99WO-US0005028.  
PR 08-MAR-1999; 99WO-US0005190.  
PR 10-MAR-1999; 2000WO-US006319.  
PR 20-APR-1999; 99WO-US008615.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 01-SEP-1999; 99WO-US020111.  
PR 08-SEP-1999; 99WO-US020594.  
PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 05-OCT-1999; 99WO-US023089.  
PR 29-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030873.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00815744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00868034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001US-008913692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.  
XX  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-900164/82.  
XX N-PSDB; ADD91853.  
XX  
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
XX useful for treating pericyte-associated tumors, diabetes and various bone  
XX and/or cartilage disorders, e.g. arthritis.  
XX  
XX Claim 12; SEQ ID NO 272; 636pp; English.  
XX  
XX The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumour necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also  
XX be used in preparing PRO polypeptides by recombinant techniques and in  
XX generating either transgenic animals or knock-out animals which are  
XX useful in the development and screening of therapeutically useful  
XX reagents. The PRO polypeptides or antibodies are used in preparing a



C medicament for treating a condition responsive to the polypeptides or  
 C antibodies, such as tumours, for stimulating and inhibiting proliferation  
 C of human microvascular endothelial cells, for modulating the uptake of  
 C glucose or PFA by skeletal muscle cells or adipocyte cells, for  
 C stimulating differentiation of adipocyte cells, for stimulating  
 C proliferation of or gene expression in pericyte cells, for stimulating  
 C the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 C cells, for inducing endothelial cell tube formation and for treating  
 C various bone and/or cartilage disorders such as sports injuries and  
 C arthritis, PRO polypeptides which stimulate the release of proteoglycans  
 C from cartilage are useful for treating sports-related joint problems,  
 C articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 C polypeptides are also useful for treating various mammalian haemoglobin-  
 C associated disorders such as various thalassaemias and conditions which  
 C may benefit from enhanced local immune system cell infiltration. This  
 C sequence represents a human PRO polypeptide of the invention. Note: The  
 C sequence data for this patent is also available in electronic format from  
 C USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

X Q Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLSVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 1 MAAPKGLSVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 61 YPKREELIYACORGLRFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120  
 61 YPKREELIYACORGLRFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120  
 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 181 QSKPEIYAPHLQEPNLRESSLKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
 181 QSKPEIYAPHLQEPNLRESSLKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
 241 ILTTVLVSVMLNLCATVAVAVEQVPSKLSIYGDLRFNNEQKLNRYPASSLVVVR 300  
 241 ILTTVLVSVMLNLCATVAVAVEQVPSKLSIYGDLRFNNEQKLNRYPASSLVVVR 300  
 301 SKTEDHEAGPLPKVNLAHSEI 323  
 301 SKTEDHEAGPLPKVNLAHSEI 323

RESULT 165

AD33317

D AD333317 standard; protein; 323 AA.

XC AD333317;

XC 29-JAN-2004 (first entry)

XC Novel human secreted and transmembrane protein PRO195.

Human; secreted and transmembrane protein; PRO;  
 Tumour necrosis factor alpha release; TNF-alpha release;  
 glucose uptake modulator; PFA uptake modulator;  
 cell proliferation stimulator; cell differentiation stimulator;  
 cell differentiation inhibitor; cytokine release stimulator;  
 lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
 cervical tumour; liver tumour; chromosome mapping; gene mapping;  
 gene therapy; chromosome identification; chromosome marker.

XC Homo sapiens.

XC US2003194767-A1.

XC

PD 16-OCT-2003.  
 XX 16-MAY-2002; 2002US-00147497.  
 XX 26-AUG-1998; 98US-0097951P.  
 PR 02-JUN-1999; 99WO-US012252.  
 PR 25-AUG-1999; 99US-00380137.  
 PR 30-MAR-2000; 2000WO-US008439.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 19-DEC-2001; 2001US-00028072.  
 XX (GETH ) GENENTECH INC.

Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 WPI; 2003-899786/82.  
 DR N-PSDB; ADE33316.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
 PT useful for treating pericyte-associated tumors, diabetes and various bone  
 PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; SEQ ID NO 272; 636pp; English.

XX The invention describes 305 nucleic acids encoding PRO (secreted and  
 CC transmembrane) polypeptides (I). (I) is useful for stimulating the  
 CC release of TNF-alpha from human blood, for modulating the uptake of  
 CC glucose or PFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating the proliferation or differentiation of chondrocyte cells,  
 CC for stimulating the proliferation of or gene expression in pericyte  
 CC cells, for stimulating the release of proteoglycans from cartilage, for  
 CC stimulating the proliferation of inner ear utricular supporting cells,  
 CC for stimulating the proliferation of T-lymphocyte cells, for stimulating  
 CC the release of a cytokine from BMC cells, for inhibiting the binding of  
 CC A-peptide to factor VIIA, for inhibiting the differentiation of adipocyte  
 CC cells, for stimulating proliferation of endothelial cells, for detecting  
 CC the presence of tumour in a mammal. The tumour is lung, colon, breast,  
 CC prostate, rectal, cervical or liver tumour. The oligonucleotide probes  
 CC are useful for isolating genomic and cDNA nucleotide sequences or  
 CC antisense probes. (I) is also useful as therapeutic agent. PRO is useful  
 CC in assays to identify other proteins or molecules involved in binding  
 CC interaction. A polynucleotide (II) encoding (I) is useful in chromosome  
 CC and gene mapping, in generation of antisense RNA and DNA, in the  
 CC preparation of PRO polypeptide, for generating transgenic animals or  
 CC knockout animals which in turn are useful in the development and  
 CC screening of therapeutically useful reagents, in gene therapy, for  
 CC chromosome identification, as chromosome marker, and for generating  
 CC probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.  
 CC detecting its expression in specific cells, tissues or serum, and for  
 CC affinity purification of PRO from recombinant cell culture or natural  
 CC sources. (I) and (II) are useful for tissue typing. This is the amino  
 CC acid sequence of a novel human secreted and transmembrane PRO  
 CC polypeptide.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLSVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 Db 1 MAAPKGLSVRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 QY 61 YPKREELIYACORGLRFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120  
 Db 61 YPKREELIYACORGLRFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120  
 QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 Db 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLQEPTNLRSSLSQMSYLOMNSQAHNFLEDSGDFLRCISLNSGW 240  
 DB 181 QSKPEIQYAPHLQEPTNLRSSLSQMSYLOMNSQAHNFLEDSGDFLRCISLNSGW 240  
 QY 241 ILTTTIVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNQKLNRYPASSLWVR 300  
 DB 241 ILTTTIVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNQKLNRYPASSLWVR 300  
 QY 301 SKTDEHEAGPLPTKYNLAHSEI 323  
 DB 301 SKTDEHEAGPLPTKYNLAHSEI 323

RESULT 166  
 ADE33869  
 ID ADE33869 standard; protein; 323 AA.  
 AC ADE33869;  
 XX  
 XX 29-JAN-2004 (first entry)  
 DT  
 XX Novel human secreted and transmembrane protein PRO195.  
 DE  
 XX Human; secreted and transmembrane protein; PRO;  
 KW Tumour necrosis factor alpha release; TNF-alpha release;  
 KW glucose uptake modulator; PFA uptake modulator;  
 KW cell proliferation stimulator; cell differentiation stimulator;  
 KW lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW cervical tumour; liver tumour; chromosome mapping; gene mapping;  
 KW gene therapy; chromosome identification; chromosome marker.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003194791-A1.  
 PN  
 XX  
 XX 16-OCT-2003.  
 PD  
 XX  
 XX 11-APR-2002; 2002US-00121046.  
 PF  
 XX  
 XX 31-MAR-1997; 97WO-US005230.  
 PR 12-JUN-1998; 98WO-US012456.  
 PR 14-JUL-1998; 98WO-US014552.  
 PR 28-AUG-1998; 98WO-US017888.  
 PR 10-SEP-1998; 98WO-US018824.  
 PR 14-SEP-1998; 98WO-US019093.  
 PR 14-SEP-1998; 98WO-US019094.  
 PR 14-SEP-1998; 98WO-US019177.  
 PR 16-SEP-1998; 98WO-US019330.  
 PR 17-SEP-1998; 98WO-US019437.  
 PR 07-OCT-1998; 98WO-US021141.  
 PR 29-OCT-1998; 98WO-US022991.  
 PR 29-OCT-1998; 98WO-US022992.  
 PR 20-NOV-1998; 98WO-US024855.  
 PR 01-DEC-1998; 98WO-US025108.  
 PR 05-JAN-1999; 98WO-US000106.  
 PR 08-MAR-1999; 98WO-US005028.  
 PR 10-MAR-1999; 98WO-US005190.  
 PR 10-MAR-1999; 2000WO-US006319.  
 PR 20-APR-1999; 98WO-US008615.  
 PR 14-MAY-1999; 98WO-US010733.  
 PR 02-JUN-1999; 98WO-US012252.  
 PR 01-SEP-1999; 98WO-US020111.  
 PR 08-SEP-1999; 98WO-US020594.  
 PR 13-SEP-1999; 98WO-US020944.  
 PR 15-SEP-1999; 98WO-US021090.  
 PR 15-SEP-1999; 98WO-US021547.  
 PR 05-OCT-1999; 98WO-US023089.  
 PR 28-NOV-1999; 98WO-US028214.  
 PR 30-NOV-1999; 98WO-US028313.  
 PR 30-NOV-1999; 98WO-US028409.  
 PR 01-DEC-1999; 98WO-US028301.

01-DEC-1999; 99WO-US028634.  
 02-DEC-1999; 99WO-US028551.  
 02-DEC-1999; 99WO-US028564.  
 02-DEC-1999; 99WO-US028565.  
 16-DEC-1999; 99WO-US030095.  
 20-DEC-1999; 99WO-US030911.  
 20-DEC-1999; 99WO-US030999.  
 22-DEC-1999; 99WO-US030720.  
 30-DEC-1999; 99WO-US031243.  
 30-DEC-1999; 99WO-US031274.  
 05-JAN-2000; 2000WO-US000219.  
 06-JAN-2000; 2000WO-US000277.  
 06-JAN-2000; 2000WO-US000376.  
 11-FEB-2000; 2000WO-US003565.  
 18-FEB-2000; 2000WO-US004341.  
 18-FEB-2000; 2000WO-US004342.  
 22-FEB-2000; 2000WO-US004414.  
 24-FEB-2000; 2000WO-US004914.  
 24-FEB-2000; 2000WO-US005004.  
 01-MAR-2000; 2000WO-US005601.  
 02-MAR-2000; 2000WO-US005746.  
 02-MAR-2000; 2000WO-US005841.  
 15-MAR-2000; 2000WO-US006884.  
 20-MAR-2000; 2000WO-US007377.  
 21-MAR-2000; 2000WO-US007532.  
 30-MAR-2000; 2000WO-US008439.  
 17-MAY-2000; 2000WO-US013705.  
 22-MAY-2000; 2000WO-US014042.  
 30-MAY-2000; 2000WO-US014941.  
 02-JUN-2000; 2000WO-US015264.  
 28-JUL-2000; 2000WO-US020710.  
 11-AUG-2000; 2000WO-US022031.  
 23-AUG-2000; 2000WO-US023522.  
 24-AUG-2000; 2000WO-US023328.  
 08-NOV-2000; 2000WO-US030952.  
 10-NOV-2000; 2000WO-US030873.  
 01-DEC-2000; 2000WO-US032678.  
 20-DEC-2000; 2000US-00747259.  
 20-DEC-2000; 2000WO-US034956.  
 28-FEB-2001; 2001US-00796498.  
 28-FEB-2001; 2001WO-US006520.  
 01-MAR-2001; 2001WO-US006566.  
 03-MAR-2001; 2001US-00802706.  
 14-MAR-2001; 2001US-00806899.  
 22-MAR-2001; 2001US-00816744.  
 05-APR-2001; 2001US-00828366.  
 10-MAY-2001; 2001US-00854208.  
 18-MAY-2001; 2001US-00854280.  
 18-MAY-2001; 2001US-00860216.  
 25-MAY-2001; 2001US-00866028.  
 25-MAY-2001; 2001US-00866034.  
 25-MAY-2001; 2001WO-US017092.  
 01-JUN-2001; 2001US-00872035.  
 01-JUN-2001; 2001WO-US017800.  
 05-JUN-2001; 2001US-00874503.  
 14-JUN-2001; 2001US-00882636.  
 18-JUN-2001; 2001US-00886342.  
 20-JUN-2001; 2001WO-US019692.  
 21-JUN-2001; 2001US-00887879.  
 22-JUN-2001; 2001WO-US020116.  
 29-JUN-2001; 2001WO-US021066.  
 09-JUL-2001; 2001WO-US021735.  
 18-JUL-2001; 2001US-00908827.  
 06-AUG-2001; 2001US-00924419.  
 09-AUG-2001; 2001US-00927796.  
 16-AUG-2001; 2001US-00931836.  
 19-DEC-2001; 2001US-00028072.  
 (GETH ) GENENTECH INC.  
 PA Baker KP, Beresini M, Deforge L, Desnoyers L, Pilvaroff E, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski EJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;



PR 18-FEB-2000; 2000WO-US004341.  
 PR 18-FEB-2000; 2000WO-US004342.  
 PR 22-FEB-2000; 2000WO-US004343.  
 PR 24-FEB-2000; 2000WO-US004344.  
 PR 24-FEB-2000; 2000WO-US004345.  
 PR 24-FEB-2000; 2000WO-US004346.  
 PR 01-MAR-2000; 2000WO-US005601.  
 PR 02-MAR-2000; 2000WO-US005602.  
 PR 02-MAR-2000; 2000WO-US005603.  
 PR 15-MAR-2000; 2000WO-US006884.  
 PR 20-MAR-2000; 2000WO-US007377.  
 PR 21-MAR-2000; 2000WO-US007532.  
 PR 21-MAR-2000; 2000WO-US008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 11-AUG-2000; 2000WO-US022031.  
 PR 23-AUG-2000; 2000WO-US023522.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 08-NOV-2000; 2000WO-US030952.  
 PR 10-NOV-2000; 2000WO-US030873.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000US-00747253.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001US-00736498.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 01-MAR-2001; 2001WO-US006666.  
 PR 09-MAR-2001; 2001US-00802706.  
 PR 14-MAR-2001; 2001US-00806899.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 05-APR-2001; 2001US-00828366.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 18-MAY-2001; 2001US-00854280.  
 PR 10-MAY-2001; 2001US-00860216.  
 PR 25-MAY-2001; 2001US-00866028.  
 PR 25-MAY-2001; 2001US-00866034.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 05-JUN-2001; 2001US-00874503.  
 PR 14-JUN-2001; 2001US-00882636.  
 PR 19-JUN-2001; 2001US-00886342.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 21-JUN-2001; 2001US-00887879.  
 PR 22-JUN-2001; 2001WO-US020116.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 18-JUL-2001; 2001US-00908827.  
 PR 06-AUG-2001; 2001US-00924419.  
 PR 09-AUG-2001; 2001US-00927796.  
 PR 16-AUG-2001; 2001US-00931836.  
 PR 19-DEC-2001; 2001US-00028072.

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PA Baker KP, Beresini M, Deforge L, Desnoyers E, Filvaroff E, Gao W;  
 PI Gerritsen ME, Goddard A, Godowski FJ, Gurney AL, Sherwood S;  
 PI Smith V, Stewart TA, Tumas D, Watanabe CX, Wood WI, Zhang Z;  
 XX

WPI; 2003-875867/81.

N-PSDB; ADD79920.

XX New PRO nucleic acid, useful for manufacturing a medicament for  
 PT diagnosing or treating tumor, for chromosome mapping or for tissue  
 FT typing.

XX Claim 12; Fig 272; 638pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the polynucleotides encoding them. The  
 CC invention also relates to an antibody which specifically binds to a PRO  
 CC polypeptide, a method for stimulating the release of tumor necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 CC proliferation or differentiation of chondrocyte cells and a method for  
 CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 CC polynucleotides are useful in molecular biology, including uses as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 CC be used in preparing PRO polypeptides by recombinant techniques and in  
 CC generating either transgenic animals or knock-out animals which are  
 CC useful in the development and screening of therapeutically useful  
 CC reagents. The PRO polypeptides or antibodies are used in preparing a  
 CC medicament for treating a condition responsive to the polypeptides or  
 CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
 CC of human microvascular endothelial cells, for modulating the uptake of  
 CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 CC stimulating differentiation of adipocyte cells, for stimulating  
 CC proliferation of or gene expression in pericyte cells, for stimulating  
 CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
 CC cells, for inducing endothelial cell tube formation and for treating  
 CC various bone and/or cartilage disorders such as sports injuries and  
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 CC from cartilage are useful for treating sports-related joint problems.  
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 CC polypeptides are also useful for treating various mammalian haemoglobin-  
 CC associated disorders such as various thalassemias and conditions which  
 CC may benefit from enhanced local immune system cell infiltration. This  
 CC sequence represents a human PRO polypeptide of the invention. Note: The  
 CC sequence data for this patent is also available in electronic format from  
 CC the USPTO website at [seqdata.uspto.gov](http://seqdata.uspto.gov).

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSMLWRTQLGLPPLLITLWALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
 DB 1 MAAPKGSMLWRTQLGLPPLLITLWALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
 QY 61 YPKBELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
 DB 61 YPKBELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
 QY 121 LPPAELRQSLMLMPKQHLLFPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180  
 DB 121 LPPAELRQSLMLMPKQHLLFPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180  
 QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOWRNSQAHNLFLEDGSDGFLRCLSLNSGW 240  
 DB 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOWRNSQAHNLFLEDGSDGFLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASLWVVR 300  
 DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASLWVVR 300

QY 301 SKTEDEHAGPLPTKVNLAHSEI 323

DB 301 SKTEDEHAGPLPTKVNLAHSEI 323

RESULT 168

ADD92958

ID ADD92958 standard; protein; 323 AA.

XX AC ADD92958;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #136.

XX KN Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix; liver; microvascular endothelial cell; glucose; FFA; skeletal muscle cell; adipocyte cell; pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell; endothelial cell tube formation; bone disorder; cartilage disorder; sports injury; proteoglycan; articular cartilage defect; osteoarthritis; rheumatoid arthritis; haemoglobin-associated disorder thalassaemia; immune system cell infiltration.

Homo sapiens.

US2003194768-A1.

16-OCT-2003.

21-MAY-2002; 2002US-00152371.

03-MAR-2000; 2000US-0187202P.

01-DEC-2000; 2000WO-US032678.

19-DEC-2001; 2001US-00028072.

(GETH ) GENVENTECH INC.

Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W; Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S; Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z; WPI; 2003-899787/82. N-FSDB; ADD92957.

Two hundred and seventy five nucleic acids encoding PRO polypeptides, useful for treating pericyte-associated tumors, diabetes and various bone and/or cartilage disorders, e.g. arthritis.

Claim 12; SEQ ID NO 272; 636pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;		Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	1	MAAPKGSLSWVETQLGLPPLLLTALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB	1	MAAPKGSLSWVETQLGLPPLLLTALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY	61	YPKEELIYACQRCGLPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
DB	61	YPKEELIYACQRCGLPSICQFVDDGIDLNRKLECESACTEAYSQSDEQYACHLGCNQ 120
QY	121	LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180
DB	121	LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180
QY	181	OSKPEIQIAPHLEQPTNLRESSLSKMSYLOMRNSQAHNPFLEDGESDGLFRLCLSLNSGW 240
DB	181	OSKPEIQIAPHLEQPTNLRESSLSKMSYLOMRNSQAHNPFLEDGESDGLFRLCLSLNSGW 240
QY	241	ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
DB	241	ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY	301	SKTEDHEAGPLTKVNLHSEI 323
DB	301	SKTEDHEAGPLTKVNLHSEI 323
RESULT 169		
ADD72505		
ID	ADD72505	standard; protein; 323 AA.
XX	AC	ADD72505;
XX	DT	29-JAN-2004 (first entry)
XX	DE	Human secreted/transmembrane protein, PRO195.
XX	DE	Human; secreted protein; transmembrane protein; PRO; cytostatic;
XX	KW	ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
XX	KW	auditory; tumour growth; retinal disorder; sports-related joint problem;
XX	KW	articular cartilage defects; osteoarthritis; rheumatoid arthritis;
XX	KW	wound healing; hearing loss.
XX	OS	Homo sapiens.
XX	PN	US2003194781-A1.
XX	PD	16-OCT-2003.
XX	PF	19-OCT-2001; 2001US-00164929.
XX	PR	30-MAR-1998; 98US-0079920P.
XX	PR	07-OCT-1998; 98WO-US021141.
XX	PR	20-NOV-1998; 98WO-US024855.
XX	PR	05-JAN-1999; 99WO-US000106.
XX	PR	08-MAR-1999; 99WO-US005028.
XX	PR	10-MAR-1999; 99WO-US005190.
XX	PR	15-APR-1999; 99WO-US008313.
XX	PR	14-MAY-1999; 99WO-US010733.
XX	PR	02-JUN-1999; 99WO-US012252.
XX	PR	25-AUG-1999; 99US-00380138.
XX	PR	30-NOV-1999; 99WO-US028313.
XX	PR	02-DEC-1999; 99WO-US028551.
XX	PR	02-DEC-1999; 99WO-US028565.
XX	PR	16-DEC-1999; 99WO-US030095.
XX	PR	30-DEC-1999; 99WO-US031243.
XX	PR	30-DEC-1999; 99WO-US031274.
XX	PR	05-JAN-2000; 2000WO-US000219.
XX	PR	06-JAN-2000; 2000WO-US000277.
XX	PR	06-JAN-2000; 2000WO-US000376.
XX	PR	11-FEB-2000; 2000WO-US003565.
XX	PR	18-FEB-2000; 2000WO-US004341.

PR 24-FEB-2000; 2000WO-US005004.  
 PR 02-MAR-2000; 2000WO-US005841.  
 PR 10-MAR-2000; 2000WO-US006319.  
 PR 21-MAR-2000; 2000WO-US007532.  
 PR 30-MAR-2000; 2000WO-US008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 22-MAR-2001; 2001WO-US009552.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.

(GETH ) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Rotstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME,  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kijavini IG, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WJ;

DR WPI: 2003-852598/79.  
 DR N-PSDB; ADD72504.

XX New secreted and transmembrane PRO nucleic acids and polypeptides, useful  
 PT for stimulating the release of tumor necrosis factor alpha from human  
 PT blood and stimulating the proliferation of differentiation of chondrocyte  
 PT cells.

XX Claim 12; SEQ ID NO 330; 462pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or  
 CC transmembrane protein) having at least 80% amino acid sequence identity  
 CC to an amino acid sequence chosen from 94 fully defined sequences as given  
 CC in the specification (including PRO lacking its associated signal  
 CC peptide, a PRO extracellular domain with or without its associated signal  
 CC peptide), also included are nucleic acids encoding the PRO proteins  
 CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
 CC comprising the vector and producing PRO, a chimeric molecule comprising  
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
 CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
 CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
 CC causes death of the cell. PRO337 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
 CC useful for linking a bioactive molecule to a cell expressing PRO725,  
 CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
 CC polypeptide is useful for modulating at least one biological activity of  
 CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
 CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
 CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
 CC modulating the biological activity of the cell expressing PRO1559  
 CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
 CC PRO739 polypeptide is useful for modulating the biological activity of  
 CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
 CC polypeptides are useful for inhibiting tumour growth, retinal disorders,

CC sports-related joint problems, articular cartilage defects,  
 CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
 CC mammals. The present sequence represents a PRO protein.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

DB 1 MAAPKGSLSWVRLQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120

DB 61 YPKBEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120

QY 121 LPFAELROBQLMSLMPKHELLFPLTLVRSFWSMDWSAQSFITSSWTFYQLQADGKIVIF 180

DB 121 LPFAELROBQLMSLMPKHELLFPLTLVRSFWSMDWSAQSFITSSWTFYQLQADGKIVIF 180

QY 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLAQRNSQAHRNFLEDGSDGFLRCLSLNSGW 240

DB 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLAQRNSQAHRNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVWVLLWICCATVATAVEQVVPSEKLSIYGDLEFMEOKLNRYPASSLVVVR 300

DB 241 ILTTTLVLSVWVLLWICCATVATAVEQVVPSEKLSIYGDLEFMEOKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 170  
 ADE19378

ID ADE19378 standard; protein; 323 AA.

XX AC ADE19378;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #136.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; r-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

KW immune system cell infiltration.

XX OS Homo sapiens.

XX XX US2003199025-A1.

XX XX 23-OCT-2003.

XX XX 21-MAY-2002; 2002US-00152385.

XX XX 03-MAR-2000; 2000US-0187202P.

XX XX 10-NOV-2000; 2000WO-US030873.

XX XX 01-DEC-2000; 2000WO-US032678.

XX XX 19-DEC-2001; 2001US-00028072.

XX XX (GETH ) GENENTECH INC.

XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
WPI; 2003-900156/82.  
N-PSDB; ADE19377.  
Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
useful for treating pericyte-associated tumors, diabetes and various bone  
and/or cartilage disorders, e.g. arthritis.  
Claim 12; SEQ ID NO 272; 648pp; English.  
The invention relates to isolated human PRO polypeptides (secreted and  
transmembrane polypeptides) and the polynucleotides encoding them. The  
invention also relates to an antibody which specifically binds to a PRO  
polypeptide, a method for stimulating the release of tumour necrosis  
factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
proliferation or differentiation of chondrocyte cells and a method for  
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
polynucleotides are useful in molecular biology, including uses as  
hybridisation probes, in chromosome and gene mapping, in generating  
antisense RNA and DNA and in gene therapy. The polynucleotides may also  
be used in preparing PRO polypeptides by recombinant techniques and in  
generating either transgenic animals or knock-out animals which are  
useful in the development and screening of therapeutically useful  
reagents. The PRO polypeptides or antibodies are used in preparing a  
medicament for treating a condition responsive to the polypeptides or  
antibodies, such as tumours, for stimulating and inhibiting proliferation  
of human microvascular endothelial cells, for modulating the uptake of  
glucose or FFA by skeletal muscle cells or adipocyte cells, for  
stimulating differentiation of adipocyte cells, for stimulating  
proliferation of or gene expression in pericyte cells, for stimulating  
the proliferation of inner ear utricular supporting cells or T-lymphocyte  
cells, for inducing endothelial cell tube formation and for treating  
various bone and/or cartilage disorders such as sports injuries and  
arthritis. PRO polypeptides which stimulate the release of proteoglycans  
from cartilage are useful for treating sports-related joint problems,  
articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
polypeptides are also useful for treating various mammalian haemoglobin-  
associated disorders such as various thalassaemias and conditions which  
may benefit from enhanced local immune system cell infiltration. This  
sequence represents a human PRO polypeptide of the invention. Note: The  
sequence data for this patent is also available in electronic format from  
USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKSLWRTTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLET 60  
1 MAAPKSLWRTTGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLET 60  
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTRAYSQSDQYACHLGCQNQ 120  
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTRAYSQSDQYACHLGCQNQ 120  
121 LPFAELRQELMSLPMHLLPFLTVRFSWDMDSAQSFITSSWTFVLQDDGKIVIF 180  
121 LPFAELRQELMSLPMHLLPFLTVRFSWDMDSAQSFITSSWTFVLQDDGKIVIF 180  
181 QSKPEIQAYPHLQEPNTLRSSLSKMSYQLMRNSQAHNPFLEDGSDGFLCLSLNSGW 240  
181 QSKPEIQAYPHLQEPNTLRSSLSKMSYQLMRNSQAHNPFLEDGSDGFLCLSLNSGW 240  
241 ILTTTLVLSVWVLLTCCATVATVAVSQYVPSKLSIYGDLFPWNSQKLNRYDASSLVVVR 300  
241 ILTTTLVLSVWVLLTCCATVATVAVSQYVPSKLSIYGDLFPWNSQKLNRYDASSLVVVR 300  
301 SKTEDHEEAGPLTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLTKVNLAHSEI 323  
RESULT 171  
ADE18826  
ID ADE18826 standard; protein; 323 AA.  
XX AC ADE18826;  
XX DT 29-JAN-2004 (first entry)  
XX DE Human PRO polypeptide #136.  
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
liver; microvascular endothelial cell; glucose; FFA;  
skeletal muscle cell; adipocyte cell; pericyte cell;  
inner ear utricular supporting cell; T-lymphocyte cell;  
endothelial cell tube formation; bone disorder; cartilage disorder;  
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
immune system cell infiltration.  
OS Homo sapiens.  
XX FN US2003199026-A1.  
XX PD 23-OCT-2003.  
XX PF 20-MAY-2002; 2002US-00152393.  
XX PR 03-MAR-2000; 2000US-0187202P.  
XX PR 01-DEC-2000; 2000WO-US032678.  
XX PR 19-DEC-2001; 2001US-00028072.  
XX PA (GETH ) GENENTECH INC.  
XX PI Baker KP, Beresini M, Deforge L, Deenoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
WPI; 2003-900157/82.  
XX DR N-PSDB; ADE18825.  
XX PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
useful for treating pericyte-associated tumors, diabetes and various bone  
and/or cartilage disorders, e.g. arthritis.  
XX FS Claim 12; SEQ ID NO 272; 636pp; English.  
XX CC The invention relates to isolated human PRO polypeptides (secreted and  
transmembrane polypeptides) and the polynucleotides encoding them. The  
invention also relates to an antibody which specifically binds to a PRO  
polypeptide, a method for stimulating the release of tumour necrosis  
factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
proliferation or differentiation of chondrocyte cells and a method for  
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
polynucleotides are useful in molecular biology, including uses as  
hybridisation probes, in chromosome and gene mapping, in generating  
antisense RNA and DNA and in gene therapy. The polynucleotides may also  
be used in preparing PRO polypeptides by recombinant techniques and in  
generating either transgenic animals or knock-out animals which are  
useful in the development and screening of therapeutically useful  
reagents. The PRO polypeptides or antibodies are used in preparing a  
medicament for treating a condition responsive to the polypeptides or  
antibodies, such as tumours, for stimulating and inhibiting proliferation  
of human microvascular endothelial cells, for modulating the uptake of  
glucose or FFA by skeletal muscle cells or adipocyte cells, for  
stimulating differentiation of adipocyte cells, for stimulating  
proliferation of or gene expression in pericyte cells, for stimulating  
the proliferation of inner ear utricular supporting cells or T-lymphocyte



CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX  
SQ

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLSVRTQLGLPPLLTLTALAGSGTASAEFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGLSVRTQLGLPPLLTLTALAGSGTASAEFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCEASCTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCEASCTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLAPKMKELLFPLTLVRSFSDMDMSAQSTTSWTFLQADGKIVIF 180  
DB 121 LPFAELRQQLMSLAPKMKELLFPLTLVRSFSDMDMSAQSTTSWTFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQNRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQNRNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSWVLLWTCATVATVEQYVPSKLSIYGDLEPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSWVLLWTCATVATVEQYVPSKLSIYGDLEPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTDEHEAGPLTKVNLASHSI 323  
DB 301 SKTDEHEAGPLTKVNLASHSI 323

RESULT 172

ID ADE43022

XX ADE43022 standard; protein; 323 AA.

XX ADE43022;

XX ADE43022;

DT 29-JAN-2004 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX liver; microvascular endothelial cell; glucose; FFA;

XX skeletal muscle cell; adipocyte cell; pericyte cell;

XX inner ear utricular supporting cell; T-lymphocyte cell;

XX endothelial cell tube formation; bone disorder; cartilage disorder;

XX sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

XX immune system cell infiltration.

XX Homo sapiens.

CS US2003199033-A1.

XX 23-OCT-2003.

XX 28-MAY-2002; 2002US-00156845.

XX 05-JUN-2000; 2000US-0209832P.

PR 01-DEC-2000; 2000WO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
XX (GENTH ) GENENTECH INC.  
XX Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2003-900162/82.  
XX N-PSDB; ADB43021.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
PT useful for treating pericyte-associated tumors, diabetes and various bone  
PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; Fig 272; 636pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems, PRO  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX  
SQ

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLSVRTQLGLPPLLTLTALAGSGTASAEFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGLSVRTQLGLPPLLTLTALAGSGTASAEFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCEASCTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCEASCTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLAPKMKELLFPLTLVRSFSDMDMSAQSTTSWTFLQADGKIVIF 180  
DB 121 LPFAELRQQLMSLAPKMKELLFPLTLVRSFSDMDMSAQSTTSWTFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQNRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQNRNSQAHNFLEDGESDGLRCLSLNSGW 240



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Y 241 ILTTTLVSVVLLWICCATVATAVEQVPSKLSIYGDLEFNNQKLNRYPASSLVVVR 300
b 241 ILTTTLVSVVLLWICCATVATAVEQVPSKLSIYGDLEFNNQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPKVNLHSEI 323
b 301 SKTEDHEEAGPLPKVNLHSEI 323

RESULT 173
ADD95811
D ADD95811 standard; protein; 323 AA.
C ADD95811;
Y 29-JAN-2004 (first entry)
X Human PRO polypeptide #136.
X Human; PRO; secreted polypeptide; transmembrane polypeptide;
X tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;
X cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;
X liver; microvascular endothelial cell; glucose; FFA;
X skeletal muscle cell; adipocyte cell; pericyte cell;
X inner ear utricular supporting cell; T-lymphocyte cell;
X endothelial cell tube formation; bone disorder; cartilage disorder;
X sports injury; rheumatoid arthritis; bone disorder; osteoarthritis;
X rheumatoid arthritis; haemoglobin-associated disorder thalassemia;
X immune system cell infiltration.
X Homo sapiens.
X US200319059-A1.
X 23-OCT-2003.
X 15-APR-2002; 2002US-00123322.
X 31-MAR-1997; 97WO-US005230.
X 12-JUN-1998; 98WO-US012456.
X 14-JUL-1998; 98WO-US014552.
X 28-AUG-1998; 98WO-US017888.
X 10-SEP-1998; 98WO-US018824.
X 14-SEP-1998; 98WO-US019053.
X 14-SEP-1998; 98WO-US019094.
X 14-SEP-1998; 98WO-US019177.
X 16-SEP-1998; 98WO-US019330.
X 17-SEP-1998; 98WO-US019437.
X 27-OCT-1998; 98WO-US021141.
X 29-OCT-1998; 98WO-US022991.
X 29-OCT-1998; 98WO-US022992.
X 20-NOV-1998; 98WO-US024855.
X 01-DEC-1998; 98WO-US025108.
X 05-JAN-1999; 99WO-US000106.
X 08-MAR-1999; 99WO-US005028.
X 10-MAR-1999; 99WO-US005190.
X 20-APR-1999; 2000WO-US006319.
X 14-MAY-1999; 99WO-US008615.
X 02-JUN-1999; 99WO-US010733.
X 01-SEP-1999; 99WO-US012252.
X 08-SEP-1999; 99WO-US020111.
X 13-SEP-1999; 99WO-US020594.
X 15-SEP-1999; 99WO-US020944.
X 15-SEP-1999; 99WO-US021090.
X 15-SEP-1999; 99WO-US021547.
X 05-OCT-1999; 99WO-US023089.
X 30-NOV-1999; 99WO-US028214.
X 30-NOV-1999; 99WO-US028313.
X 30-NOV-1999; 99WO-US028409.
X 01-DEC-1999; 99WO-US028301.
X 01-DEC-1999; 99WO-US028634.
X 02-DEC-1999; 99WO-US028551.

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PR 02-DEC-1999; 99WO-US028564.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 20-DEC-1999; 99WO-US030911.
PR 20-DEC-1999; 99WO-US030999.
PR 22-DEC-1999; 99WO-US030720.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 18-FEB-2000; 2000WO-US004342.
PR 22-FEB-2000; 2000WO-US004414.
PR 24-FEB-2000; 2000WO-US004914.
PR 24-FEB-2000; 2000WO-US005004.
PR 01-MAR-2000; 2000WO-US005801.
PR 02-MAR-2000; 2000WO-US005746.
PR 02-MAR-2000; 2000WO-US005841.
PR 15-MAR-2000; 2000WO-US006884.
PR 20-MAR-2000; 2000WO-US007377.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 11-AUG-2000; 2000WO-US022031.
PR 23-AUG-2000; 2000WO-US023522.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000WO-US030952.
PR 10-NOV-2000; 2000WO-US030873.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001US-00796498.
PR 01-MAR-2001; 2001WO-US006866.
PR 09-MAR-2001; 2001US-00802706.
PR 14-MAR-2001; 2001US-00806869.
PR 22-MAR-2001; 2001US-00816744.
PR 05-APR-2001; 2001US-00828366.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 18-MAY-2001; 2001US-00860216.
PR 25-MAY-2001; 2001US-00866028.
PR 25-MAY-2001; 2001US-00866034.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001US-00872035.
PR 05-JUN-2001; 2001WO-US017800.
PR 14-JUN-2001; 2001US-00882536.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 21-JUN-2001; 2001US-00887879.
PR 22-JUN-2001; 2001WO-US020116.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 18-JUL-2001; 2001US-00908827.
PR 06-AUG-2001; 2001US-00924419.
PR 09-AUG-2001; 2001US-00927796.
PR 16-AUG-2001; 2001US-00931836.
PR 19-DEC-2001; 2001US-00028072.

```

(GETH ) GENENTECH INC.

Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 WPI; 2003-900168/82.

DR N-PSDB; ADD95810.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
PT useful for treating pericyte-associated tumors, diabetes and various bone  
PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; Fig 272; 638pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalasaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Mismatches 0; Gaps 0;  
Matches 323; Conservative 0; Indels 0;

QY 1 MAAPKGLSVRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
DB 1 MAAPKGLSVRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDILNRYKLCESACTEAYSQSDQYACHGCOQ 120  
DB 61 YPKKEELYACQRCRLFSICQFVDDGIDILNRYKLCESACTEAYSQSDQYACHGCOQ 120  
QY 121 LPFAELRQGLMSLMPKMLLPPLTLVRSFMDMSAQSPITSSWTYFLQADGKIVIF 180  
DB 121 LPFAELRQGLMSLMPKMLLPPLTLVRSFMDMSAQSPITSSWTYFLQADGKIVIF 180  
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DB 241 ILTTLTVLSVWLLTCCATVATVEQYVPSKLSIYGLEFPMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDEEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEEAGPLPTKYNLAHSEI 323

RESULT 174

AD22697

ID ADE22697 standard; protein; 323 AA.

XX AC ADE22697;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #136.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.

OS Homo sapiens.

XX US2003199064-A1.

XX 23-OCT-2003.

XX 19-APR-2002; 2002US-00125932.

XX 31-MAR-1997; 97WO-US0005230.  
XX 12-JUN-1998; 98WO-US012456.  
XX 14-JUL-1998; 98WO-US014582.  
XX 28-AUG-1998; 98WO-US017888.  
XX 10-SEP-1998; 98WO-US018824.  
XX 14-SEP-1998; 98WO-US019093.  
XX 14-SEP-1998; 98WO-US019094.  
XX 14-SEP-1998; 98WO-US019177.  
XX 16-SEP-1998; 98WO-US019330.  
XX 17-SEP-1998; 98WO-US019437.  
XX 07-OCT-1998; 98WO-US021141.  
XX 29-OCT-1998; 98WO-US022991.  
XX 29-OCT-1998; 98WO-US022992.  
XX 20-NOV-1998; 98WO-US024855.  
XX 01-DEC-1998; 98WO-US025108.  
XX 05-JAN-1999; 99WO-US000106.  
XX 08-MAR-1999; 99WO-US0005028.  
XX 10-MAR-1999; 99WO-US0005190.  
XX 10-MAR-1999; 2000WO-US006319.  
XX 20-APR-1999; 99WO-US008615.  
XX 14-MAY-1999; 99WO-US010733.  
XX 02-JUN-1999; 99WO-US012252.  
XX 01-SEP-1999; 99WO-US020111.  
XX 08-SEP-1999; 99WO-US020594.  
XX 13-SEP-1999; 99WO-US020944.  
XX 15-SEP-1999; 99WO-US021090.  
XX 15-SEP-1999; 99WO-US021547.  
XX 05-OCT-1999; 99WO-US023089.  
XX 29-NOV-1999; 99WO-US028214.  
XX 30-NOV-1999; 99WO-US028313.  
XX 30-NOV-1999; 99WO-US028409.  
XX 01-DEC-1999; 99WO-US028301.  
XX 01-DEC-1999; 99WO-US028634.  
XX 02-DEC-1999; 99WO-US028551.  
XX 02-DEC-1999; 99WO-US028564.  
XX 16-DEC-1999; 99WO-US030095.  
XX 20-DEC-1999; 99WO-US030911.  
XX 20-DEC-1999; 99WO-US030999.  
XX 22-DEC-1999; 99WO-US030720.  
XX 30-DEC-1999; 99WO-US031243.  
XX 30-DEC-1999; 99WO-US031274.  
XX 05-JAN-2000; 2000WO-US000219.  
XX 06-JAN-2000; 2000WO-US000277.

06-JAN-2000; 2000WO-US000376.  
11-FEB-2000; 2000WO-US003565.  
18-FEB-2000; 2000WO-US004341.  
18-FEB-2000; 2000WO-US004342.  
22-FEB-2000; 2000WO-US004914.  
24-FEB-2000; 2000WO-US005004.  
01-MAR-2000; 2000WO-US005601.  
02-MAR-2000; 2000WO-US005746.  
02-MAR-2000; 2000WO-US005841.  
15-MAR-2000; 2000WO-US006984.  
20-MAR-2000; 2000WO-US007377.  
21-MAR-2000; 2000WO-US007532.  
30-MAR-2000; 2000WO-US008439.  
17-MAY-2000; 2000WO-US013705.  
22-MAY-2000; 2000WO-US014042.  
30-MAY-2000; 2000WO-US014941.  
02-JUN-2000; 2000WO-US015264.  
28-JUL-2000; 2000WO-US020710.  
11-AUG-2000; 2000WO-US022031.  
23-AUG-2000; 2000WO-US023522.  
24-AUG-2000; 2000WO-US023328.  
08-NOV-2000; 2000WO-US030952.  
10-NOV-2000; 2000WO-US030873.  
01-DEC-2000; 2000WO-US032678.  
20-DEC-2000; 2000WO-US047259.  
20-DEC-2000; 2000WO-US034956.  
28-FEB-2001; 2001US-00796498.  
28-FEB-2001; 2001WO-US006520.  
01-MAR-2001; 2001WO-US006666.  
09-MAR-2001; 2001US-00802706.  
14-MAR-2001; 2001US-00808689.  
22-MAR-2001; 2001US-00816744.  
05-APR-2001; 2001US-00828366.  
10-MAY-2001; 2001US-00854208.  
10-MAY-2001; 2001US-00854280.  
18-MAY-2001; 2001US-00860216.  
25-MAY-2001; 2001US-00866028.  
25-MAY-2001; 2001US-00866034.  
25-MAY-2001; 2001US-00866034.  
01-JUN-2001; 2001WO-US017092.  
01-JUN-2001; 2001US-00872035.  
05-JUN-2001; 2001WO-US017800.  
05-JUN-2001; 2001US-00874503.  
14-JUN-2001; 2001US-00882636.  
19-JUN-2001; 2001US-00886342.  
20-JUN-2001; 2001WO-US019692.  
21-JUN-2001; 2001US-00887879.  
22-JUN-2001; 2001WO-US020116.  
29-JUN-2001; 2001WO-US021066.  
09-JUL-2001; 2001WO-US021735.  
18-JUL-2001; 2001US-00908827.  
06-AUG-2001; 2001US-00924419.  
09-AUG-2001; 2001US-00927796.  
16-AUG-2001; 2001US-00931836.  
19-DEC-2001; 2001US-00028072.  
  
(GETH ) GENENTECH INC.  
Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
WPI; 2003-900169/92.  
N-PSDB; ADE22696.  
  
Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
useful for treating pericyte-associated tumors, diabetes and various bone  
and/or cartilage disorders, e.g. arthritis.  
  
Claim 12; Fig 272; 638pp; English.  
  
The invention relates to isolated human PRO polypeptides (secreted and  
transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
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CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems.  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC the USPTO website at [seqdata.uspto.gov](http://seqdata.uspto.gov).  
CC  
XX Sequence 323 AA;  
SQ  
  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
  
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DB 1 MAAPKGSLLWVRLTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
  
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QY 181 QSKPEIQYAPHLEQBPYKLRSSLSKMSYLOWRNSQAHNFTLEDGESDGLRCLSLNSGW 240  
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DB 301 SKTEDEERAGPLPTKVNLAHSEI 323  
  
RESULT 175  
ADD78815  
ID ADD78815 standard; protein; 323 AA.  
XX  
AC ADD78815;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
XX Human PRO polypeptide #136.  
DE  
XX

Human; PRO; secreted polypeptide; transmembrane polypeptide;  
tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
liver; microvascular endothelial cell; glucose; FFA;  
skeletal muscle cell; adipocyte cell; pericyte cell;  
inner ear utricular supporting cell; T-lymphocyte cell;  
endothelial cell tube formation; bone disorder; cartilage disorder;  
sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
rheumatoid arthritis; haemoglobin-associated disorder thalassemia;  
immune system cell infiltration.  
XX OS Homo sapiens.  
XX OS  
XX PN US2003203429-A1.  
XX PD 30-OCT-2003.  
XX PF 22-APR-2002; 2002US-00127900.  
XX PF 05-JUN-2000; 2000US-0209832P.  
XX PR 01-DEC-2000; 2000WO-US032678.  
XX PR 19-DEC-2001; 2001US-00028072.  
XX PA (GETH ) GENENTECH INC.  
XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WT, Zhang Z;  
XX WPI; 2003-875636/81.  
XX DR N-PSDB; ADD78814.  
XX PT New isolated, secreted and transmembrane PRO polypeptides and nucleic  
XX acids, useful for the diagnosis, prevention and/or treatment of tumors,  
XX such as lung, colon, breast, prostate, rectal, cervical and/or liver  
XX tumors.  
XX PS Claim 12; Fig 272; 637pp; English.  
XX CC The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumour necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also  
XX be used in preparing PRO polypeptides by recombinant techniques and in  
XX generating either transgenic animals or knock-out animals which are  
XX useful in the development and screening of therapeutically useful  
XX reagents. The PRO polypeptides or antibodies are used in preparing a  
XX medicament for treating a condition responsive to the polypeptides or  
XX antibodies, such as tumours, for stimulating and inhibiting proliferation  
XX of human microvascular endothelial cells, for modulating the uptake of  
XX glucose or FFA by skeletal muscle cells or adipocyte cells, for  
XX stimulating differentiation of adipocyte cells, for stimulating  
XX proliferation of or gene expression in pericyte cells, for stimulating  
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte  
XX cells, for inducing endothelial cell tube formation and for treating  
XX various bone and/or cartilage disorders such as sports injuries and  
XX arthritis. PRO polypeptides which stimulate the release of proteoglycans  
XX from cartilage are useful for treating sports-related joint problems,  
XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
XX polypeptides are also useful for treating various mammalian haemoglobin-  
XX associated disorders such as various thalassemias and conditions which  
XX may benefit from enhanced local immune system cell infiltration. This  
XX sequence represents a human PRO polypeptide of the invention. Note: The  
XX sequence data for this patent is also available in electronic format from  
XX the USPTO website at [seqdata.uspto.gov](http://seqdata.uspto.gov).

SQ Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWVTRTQLGLPPLLLLTALAGSGGTASABAFSDVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSILWVTRTQLGLPPLLLLTALAGSGGTASABAFSDVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACORGCLFISICQFVDDGIDLNNTKLCESACTEAYSQSDEQYACHLGCQNQ 120  
DB 61 YPKBEELYACORGCLFISICQFVDDGIDLNNTKLCESACTEAYSQSDEQYACHLGCQNQ 120  
QY 121 LPFAELRQELMSLAPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLAPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPBIQYAPHLEOEPNLRBSSLSKMSYLOMRSQAHNFLEDSGDFLRCLSLNSGW 240  
DB 181 QSKPBIQYAPHLEOEPNLRBSSLSKMSYLOMRSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 176  
ADE32765  
ID ADE32765 standard; protein; 323 AA.  
XX AC ADE32765;  
XX DT 29-JAN-2004 (first entry)  
XX DE Novel human secreted and transmembrane protein PRO195.  
XX KW Human; secreted and transmembrane protein; PRO;  
XX Tumour necrosis factor alpha release; TNF-alpha release;  
XX Glucose uptake modulator; FFA uptake modulator;  
XX cell proliferation stimulator; cell differentiation stimulator;  
XX cell differentiation inhibitor; cytokine release stimulator; tumour;  
XX lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX cervical tumour; liver tumour; chromosome mapping; gene mapping;  
XX gene therapy; chromosome identification; chromosome marker.  
XX OS Homo sapiens.  
XX PN US2003194766-A1.  
XX PD 16-OCT-2003.  
XX PF 14-MAY-2002; 2002US-00145874.  
XX PR 05-JUN-2000; 2000US-0209832P.  
XX PR 01-DEC-2000; 2000WO-US032678.  
XX PR 19-DEC-2001; 2001US-00028072.  
XX PA (GETH ) GENENTECH INC.  
XX PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WT, Zhang Z;  
XX WPI; 2003-899785/82.  
XX DR N-PSDB; ADE32764.  
XX PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
XX useful for treating pericyte-associated tumors, diabetes and various bone

T and/or cartilage disorders, e.g. arthritis.

X Claim 12; SEQ ID NO 272; 636pp; English.

S The invention describes 305 nucleic acids encoding PRO (secreted and

C transmembrane) polypeptides (I). (I) is useful for stimulating the

C release of TNF-alpha from human blood, for modulating the uptake of

C glucose or FFA by skeletal muscle cells or adipocyte cells, for

C stimulating the proliferation or differentiation of chondrocyte cells,

C for stimulating the proliferation of or gene expression in pericyte

C cells, for stimulating the release of proteoglycans from cartilage, for

C stimulating the proliferation of inner ear utricular supporting cells,

C for stimulating the proliferation of T-lymphocyte cells, for stimulating

C the release of a cytokine from pMC cells, for inhibiting the binding of

C A-peptide to factor VIIa, for inhibiting the differentiation of adipocyte

C cells, for stimulating proliferation of endothelial cells, for detecting

C the presence of tumour in a mammal. The tumour is lung, colon, breast,

C prostate, rectal, cervical or liver tumour. The oligonucleotide probes

C are useful for isolating genomic and cDNA nucleotide sequences or

C antisense probes. (I) is also useful as a therapeutic agent. PRO is useful

C in assays to identify other proteins or molecules involved in binding

C interaction. A polynucleotide (II) encoding (I) is useful in chromosome

C and gene mapping, in generation of antisense RNA and DNA, in the

C preparation of PRO polypeptide, for generating transgenic animals or

C knockout animals which in turn are useful in the development and

C screening of therapeutically useful reagents, in gene therapy, for

C chromosome identification, as chromosome marker, and for generating

C probes. An anti-(I)-antibody is useful in diagnostic assays for PRO, e.g.

C detecting its expression in specific cells, tissues or serum, and for

C affinity purification of PRO from recombinant cell culture or natural

C sources. (I) and (II) are useful for tissue typing. This is the amino

C acid sequence of a novel human secreted and transmembrane PRO

C polypeptide.

X Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167; Xs 0;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSILWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

b 1 MAAPKGSILWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Y 61 YPKHEELIYACQRCGLFSICQFVDDGIDLARTKLECSACTEAYSOSDEQYACHGQCNQ 120

b 61 YPKHEELIYACQRCGLFSICQFVDDGIDLARTKLECSACTEAYSOSDEQYACHGQCNQ 120

Y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYIQAADGKIVIF 180

b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYIQAADGKIVIF 180

Y 181 QSKPEIQVAPHLRQEPNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240

b 181 QSKPEIQVAPHLRQEPNLRSSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240

Y 241 ILTTTLVLSVNVLLWICCATVATAVEQVPSSEKLSIYGDLFPNNEQKLNYPASSLVVVR 300

b 241 ILTTTLVLSVNVLLWICCATVATAVEQVPSSEKLSIYGDLFPNNEQKLNYPASSLVVVR 300

Y 301 SKTEDHEEAGPLTKVNLHSEI 323

b 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 177

ADE42457

ID ADE42457 standard; protein; 323 AA.

XX AC ADE42457;

XX AC ADE42457;

DT 29-JAN-2004 (first entry)

XX

DE Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;

KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

KW liver; microvascular endothelial cell; glucose; FFA;

KW skeletal muscle cell; adipocyte cell; pericyte cell;

KW inner ear utricular supporting cell; T-lymphocyte cell;

KW endothelial cell tube formation; bone disorder; cartilage disorder;

KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;

XX immune system cell infiltration.

OS Homo sapiens.

PN US2003199032-A1.

PD 23-OCT-2003.

XX 28-MAY-2002; 2002US-00156844.

PF 03-MAR-2000; 2000US-0187202P.

XX 01-DEC-2000; 2000WO-US032678.

PR 19-DEC-2001; 2001US-00028072.

XX (GETH ) GENENTECH INC.

PA Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;

PI Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI: 2003-900161/82.

DR N-PSDB; ADE42456.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,

PT useful for treating pericyte-associated tumors, diabetes and various bone

PT and/or cartilage disorders, e.g. arthritis.

XX Claim 12; Fig 272; 636pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the polynucleotides encoding them. The

CC invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis

CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

CC proliferation or differentiation of chondrocyte cells and a method for

CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

CC polynucleotides are useful in molecular biology, including uses as

CC hybridisation probes, in chromosome and gene mapping, in generating

CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

CC be used in preparing PRO polypeptides by recombinant techniques and in

CC generating either transgenic animals or knock-out animals which are

CC useful in the development and screening of therapeutically useful

CC reagents. The PRO polypeptides or antibodies are used in preparing a

CC medicament for treating a condition responsive to the polypeptides or

CC antibodies, such as tumours, for stimulating and inhibiting proliferation

CC of human microvascular endothelial cells, for modulating the uptake of

CC glucose or FFA by skeletal muscle cells or adipocyte cells, for

CC stimulating differentiation of adipocyte cells, for stimulating

CC proliferation of or gene expression in pericyte cells, for stimulating

CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and

CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

CC from cartilage are useful for treating sports-related joint problems,

CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

CC polypeptides are also useful for treating various mammalian haemoglobin-

CC associated disorders such as various thalassemias and conditions which

CC may benefit from enhanced local immune system cell infiltration. This

CC sequence represents a human PRO polypeptide of the invention. Note: The

CC sequence data for this patent is also available in electronic format from

CC USPTO at seqdata.uspto.gov/sequence.html.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLILLITMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLILLITMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKBELYACQRCGLFISICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
DB 61 YPKBELYACQRCGLFISICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCONQ 120

QY 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRESLSKMSYLOMNSQAHRNLFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRESLSKMSYLOMNSQAHRNLFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSWVLLMICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSWVLLMICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 178  
ADE17156  
ID ADE17156 standard; protein; 323 AA.

XX AC ADE17156;  
XX DT 29-JAN-2004 (first entry)  
XX DE Human secreted/transmembrane protein, PRO195.

XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
XX KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
XX KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
XX KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
XX KW wound healing; hearing loss.

XX OS Homo sapiens.

XX PN US2003203433-A1.  
XX PD 30-OCT-2003.  
XX PF 18-OCT-2001; 2001US-00145016.  
XX PP 06-MAY-1998; 98US-0084414P.  
XX PR 22-DEC-1998; 98US-0113296P.  
XX PR 05-JAN-1999; 99WO-US000106.  
XX PR 08-MAR-1999; 99WO-US005028.  
XX PR 12-APR-1999; 99US-00284291.  
XX PR 25-AUG-1999; 99US-00380138.  
XX PR 18-FEB-2000; 2000WO-US004341.  
XX PR 30-JUL-2001; 2001US-00918585.

XX PA (GETH ) GENENTECH INC.

XX PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
XX PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
XX PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
XX PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NP, Roy MA, Shelton DL;  
XX PI Stewart TA, Tumas D, Williams PM, Wood WI;

DR WPI: 2003-875640/81.  
DR N-PSDB; ADE17155.

XX New genes, and its encoded secreted and transmembrane polypeptides,  
PT useful for treating e.g. lung or breast tumors, osteoarthritis,  
PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,  
PT hypoinsulinemia or wounds.

XX Claim 12; SEQ ID NO 330; 459pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or  
PS transmembrane protein) having at least 80% amino acid sequence identity  
CC to an amino acid sequence chosen from 94 fully defined sequences as given  
CC in the specification (including PRO lacking its associated signal  
CC peptide, a PRO extracellular domain with or without its associated signal  
CC peptide). Also included are nucleic acids encoding the PRO proteins  
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
CC comprising the vector and producing PRO, a chimeric molecule comprising  
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for linking a  
CC PRO725, PRO700 or PRO739, PRO4993 polypeptide. The bioactive  
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
CC causes death of the cell. PRO337 polypeptide is useful for linking a  
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
CC useful for linking a bioactive molecule to a cell expressing PRO725,  
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
CC polypeptide is useful for modulating at least one biological activity of  
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
CC modulating the biological activity of the cell expressing PRO1559  
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
CC PRO739 polypeptide is useful for modulating the biological activity of  
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
CC sports-related joint problems, articular cartilage defects,  
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
CC mammals. The present sequence represents a PRO protein.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLILLITMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLILLITMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKBELYACQRCGLFISICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
DB 61 YPKBELYACQRCGLFISICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCONQ 120

QY 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELROEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRESLSKMSYLOMNSQAHRNLFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRESLSKMSYLOMNSQAHRNLFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSWVLLMICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSWVLLMICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 RESULT 179  
 UDD80473  
 D ADD80473 standard; protein; 323 AA.  
 C ADD80473;  
 T 29-JAN-2004 (first entry)  
 E Human PRO polypeptide #136.  
 C Human; PRO; secreted polypeptide; transmembrane polypeptide;  
 W tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
 W cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
 W liver; microvascular endothelial cell; glucose; FFA;  
 W skeletal muscle cell; adipocyte cell; pericyte cell;  
 W inner ear utricular supporting cell; T lymphocyte cell;  
 W endothelial cell tube formation; bone disorder; cartilage disorder;  
 W sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 W rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;  
 W immune system cell infiltration.  
 C Homo sapiens.  
 C US2003207418-A1.  
 D 06-NOV-2003.  
 F 07-MAY-2002; 2002US-00140809.  
 R 31-MAR-1997; 97WO-US005230.  
 R 12-JUN-1998; 98WO-US012456.  
 R 14-JUL-1998; 98WO-US014552.  
 R 28-AUG-1998; 98WO-US017888.  
 R 10-SEP-1998; 98WO-US018824.  
 R 14-SEP-1998; 98WO-US019093.  
 R 14-SEP-1998; 98WO-US019094.  
 R 14-SEP-1998; 98WO-US019177.  
 R 16-SEP-1998; 98WO-US019330.  
 R 17-SEP-1998; 98WO-US019437.  
 R 07-OCT-1998; 98WO-US021141.  
 R 29-OCT-1998; 98WO-US022991.  
 R 29-OCT-1998; 98WO-US024855.  
 R 01-DEC-1998; 98WO-US025108.  
 R 05-JAN-1999; 99WO-US000106.  
 R 08-MAR-1999; 99WO-US005028.  
 R 10-MAR-1999; 99WO-US005190.  
 R 20-APR-1999; 2000WO-US006319.  
 R 10-MAY-1999; 99WO-US008615.  
 R 14-MAY-1999; 99WO-US010733.  
 R 01-JUN-1999; 99WO-US012252.  
 R 01-SEP-1999; 99WO-US020111.  
 R 08-SEP-1999; 99WO-US020594.  
 R 13-SEP-1999; 99WO-US020944.  
 R 15-SEP-1999; 99WO-US021090.  
 R 15-SEP-1999; 99WO-US021547.  
 R 05-OCT-1999; 99WO-US023089.  
 R 29-NOV-1999; 99WO-US028214.  
 R 30-NOV-1999; 99WO-US028313.  
 R 30-NOV-1999; 99WO-US028409.  
 R 01-DEC-1999; 99WO-US028301.  
 R 01-DEC-1999; 99WO-US028634.  
 R 02-DEC-1999; 99WO-US028551.  
 R 02-DEC-1999; 99WO-US028564.  
 R 02-DEC-1999; 99WO-US028565.  
 R 16-DEC-1999; 99WO-US030095.  
 R 20-DEC-1999; 99WO-US030311.  
 R 20-DEC-1999; 99WO-US030999.  
 22-DEC-1999; 99WO-US030720.  
 30-DEC-1999; 99WO-US031243.  
 30-DEC-1999; 99WO-US031274.  
 05-JAN-2000; 2000WO-US000219.  
 06-JAN-2000; 2000WO-US000277.  
 06-JAN-2000; 2000WO-US000376.  
 11-FEB-2000; 2000WO-US003565.  
 18-FEB-2000; 2000WO-US004341.  
 18-FEB-2000; 2000WO-US004342.  
 22-FEB-2000; 2000WO-US004414.  
 24-FEB-2000; 2000WO-US004914.  
 24-FEB-2000; 2000WO-US005004.  
 01-MAR-2000; 2000WO-US005601.  
 02-MAR-2000; 2000WO-US005746.  
 02-MAR-2000; 2000WO-US005841.  
 15-MAR-2000; 2000WO-US006884.  
 20-MAR-2000; 2000WO-US007377.  
 21-MAR-2000; 2000WO-US007532.  
 30-MAR-2000; 2000WO-US008439.  
 17-MAY-2000; 2000WO-US013705.  
 22-MAY-2000; 2000WO-US014042.  
 30-MAY-2000; 2000WO-US014341.  
 02-JUN-2000; 2000WO-US015264.  
 28-JUL-2000; 2000WO-US020710.  
 11-AUG-2000; 2000WO-US022031.  
 23-AUG-2000; 2000WO-US023522.  
 24-AUG-2000; 2000WO-US023328.  
 08-NOV-2000; 2000WO-US030952.  
 10-NOV-2000; 2000WO-US030873.  
 01-DEC-2000; 2000WO-US032678.  
 20-DEC-2000; 2000US-0074259.  
 20-DEC-2000; 2000WO-US034956.  
 28-FEB-2001; 2001US-00796498.  
 28-FEB-2001; 2001WO-US006520.  
 01-MAR-2001; 2001WO-US006666.  
 09-MAR-2001; 2001US-00802706.  
 14-MAR-2001; 2001US-00806899.  
 22-MAR-2001; 2001US-00816744.  
 05-APR-2001; 2001US-00828366.  
 10-MAY-2001; 2001US-00854208.  
 10-MAY-2001; 2001US-00854280.  
 18-MAY-2001; 2001US-00860216.  
 25-MAY-2001; 2001US-00866028.  
 25-MAY-2001; 2001US-00866034.  
 25-MAY-2001; 2001WO-US017092.  
 01-JUN-2001; 2001US-00872035.  
 01-JUN-2001; 2001WO-US017800.  
 05-JUN-2001; 2001US-00874503.  
 14-JUN-2001; 2001US-00882636.  
 19-JUN-2001; 2001US-00886342.  
 20-JUN-2001; 2001WO-US019692.  
 21-JUN-2001; 2001US-00887879.  
 22-JUN-2001; 2001WO-US020116.  
 29-JUN-2001; 2001WO-US021066.  
 09-JUL-2001; 2001WO-US021735.  
 18-JUL-2001; 2001US-00908827.  
 06-AUG-2001; 2001US-00924419.  
 09-AUG-2001; 2001US-00927796.  
 16-AUG-2001; 2001US-00931836.  
 19-DEC-2001; 2001US-00028072.  
 (GETH ) GENENTECH INC.  
 Baker KP, Beresini M, Deforge L, Deanoyers L, Filvaroff E, Gao W;  
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 WPI; 2003-875868/81.  
 N-PSDB; ADD80472.  
 New PRO nucleic acid, useful for manufacturing a medicament for  
 diagnosing or treating tumor, for chromosome mapping or for tissue  
 typing.

XX PS Claim 12; Fig 272; 638pp; English.

XX CC The invention relates to isolated human PRO polypeptides (secreted and

XX CC transmembrane polypeptides) and the polynucleotides encoding them. The

XX CC invention also relates to an antibody which specifically binds to a PRO

XX CC polypeptide, a method for stimulating the release of tumour necrosis

XX CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the

XX CC proliferation or differentiation of chondrocyte cells and a method for

XX CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

XX CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

XX CC polynucleotides are useful in molecular biology, including uses as

XX CC hybridisation probes, in chromosome and gene mapping, in generating

XX CC antisense RNA and DNA and in gene therapy. The polynucleotides may also

XX CC be used in preparing PRO polypeptides by recombinant techniques and in

XX CC generating either transgenic animals or knock-out animals which are

XX CC useful in the development and screening of therapeutically useful

XX CC reagents. The PRO polypeptides or antibodies are used in preparing a

XX CC medicament for treating a condition responsive to the polypeptides or

XX CC antibodies, such as tumours, for stimulating and inhibiting proliferation

XX CC of human microvascular endothelial cells, for modulating the uptake of

XX CC glucose or PFA by skeletal muscle cells or adipocyte cells, for

XX CC stimulating differentiation of adipocyte cells, for stimulating

XX CC proliferation of or gene expression in pericyte cells, for stimulating

XX CC the proliferation of inner ear utricular supporting cells or T-lymphocyte

XX CC cells, for inducing endothelial cell tube formation and for treating

XX CC various bone and/or cartilage disorders such as sports injuries and

XX CC arthritis. PRO polypeptides which stimulate the release of proteoglycans

XX CC from cartilage are useful for treating sports-related joint problems,

XX CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

XX CC polypeptides are also useful for treating various mammalian haemoglobin-

XX CC associated disorders such as various thalassemias and conditions which

XX CC may benefit from enhanced local immune system cell infiltration. This

XX CC sequence represents a human PRO polypeptide of the invention. Note: The

XX CC sequence data for this patent is also available in electronic format from

XX CC the USPTO website at segdata.uspto.gov.

XX SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRLTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

DB 1 MAAPKSLWVRLTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

QY 61 YPKEELIYAQQRGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNQ 120

DB 61 YPKEELIYAQQRGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNQ 120

QY 121 LPPAELRQGLMSLMPKPHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180

DB 121 LPPAELRQGLMSLMPKPHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180

QY 181 QSKPEIQYAPHLRQEPNTNRESSLSXMSYLOMNSQAHNFLEDGESDGFCLCLSLNSGW 240

DB 181 QSKPEIQYAPHLRQEPNTNRESSLSXMSYLOMNSQAHNFLEDGESDGFCLCLSLNSGW 240

QY 241 ILTTTAVLSMVLNLLCCATVATVQVYVPSKLSIYGLDFPWSQKLNRYPASSLWVR 300

DB 241 ILTTTAVLSMVLNLLCCATVATVQVYVPSKLSIYGLDFPWSQKLNRYPASSLWVR 300

QY 301 SKTDEHEAGFLPTKYNLAHSEI 323

DB 301 SKTDEHEAGFLPTKYNLAHSEI 323

RESULT 180

ADD89501

ID ADD89501 standard; protein; 323 AA.

XX AC

AC ADD89501;

XX DT 29-JAN-2004 (first entry)

XX DX Human PRO polypeptide #136.

DE XX Human; PRO; secreted polypeptide; transmembrane polypeptide;

XX KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

XX KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

XX KW liver; microvascular endothelial cell; glucose; PFA;

XX KW skeletal muscle cell; adipocyte cell; pericyte cell;

XX KW inner ear utricular supporting cell; T-lymphocyte cell;

XX KW endothelial cell tube formation; bone disorder; cartilage disorder;

XX KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

XX KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;

XX KW immune system cell infiltration.

OS Homo sapiens.

XX US20031199028-A1.

XX 23-OCT-2003.

XX 22-MAY-2002; 2002US-00153552.

XX 03-MAR-2000; 2000US-0187202P.

XX 01-DEC-2000; 2000WO-05032678.

XX 19-DEC-2001; 2001US-00028072.

XX (GENTH ) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;

XX Gerritsen WE, Goddard A, Godowski PJ, Gurney AL, Sherwood S;

XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI; 2003-900158/82.

XX N-PSDB; ADD89500.

XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,

XX useful for treating pericyte-associated tumors, diabetes and various bone

XX and/or cartilage disorders, e.g. arthritis.

XX Claim 12; Fig 272; 637pp; English.

XX The invention relates to isolated human PRO polypeptides (secreted and

XX transmembrane polypeptides) and the polynucleotides encoding them. The

XX invention also relates to an antibody which specifically binds to a PRO

XX polypeptide, a method for stimulating the release of tumour necrosis

XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the

XX proliferation or differentiation of chondrocyte cells and a method for

XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,

XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The

XX polynucleotides are useful in molecular biology, including uses as

XX hybridisation probes, in chromosome and gene mapping, in generating

XX antisense RNA and DNA and in gene therapy. The polynucleotides may also

XX be used in preparing PRO polypeptides by recombinant techniques and in

XX generating either transgenic animals or knock-out animals which are

XX useful in the development and screening of therapeutically useful

XX reagents. The PRO polypeptides or antibodies are used in preparing a

XX medicament for treating a condition responsive to the polypeptides or

XX antibodies, such as tumours, for stimulating and inhibiting proliferation

XX of human microvascular endothelial cells, for modulating the uptake of

XX glucose or PFA by skeletal muscle cells or adipocyte cells, for

XX stimulating differentiation of adipocyte cells, for stimulating

XX proliferation of or gene expression in pericyte cells, for stimulating

XX the proliferation of inner ear utricular supporting cells or T-lymphocyte

XX cells, for inducing endothelial cell tube formation and for treating

XX various bone and/or cartilage disorders such as sports injuries and

XX arthritis. PRO polypeptides which stimulate the release of proteoglycans

XX from cartilage are useful for treating sports-related joint problems,

XX articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO

XX polypeptides are also useful for treating various mammalian haemoglobin-

XX associated disorders such as various thalassemias and conditions which

XX may benefit from enhanced local immune system cell infiltration. This



CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Query Match

XX Best Local Similarity 100.0%; Score 1694; DB 7; Length 323;

XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

DB 1 MAAPKGSLLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YKBEELVACQRCGLFICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

DB 61 YKBEELVACQRCGLFICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

QY 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIP 180

DB 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIP 180

QY 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240

DB 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240

QY 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMEOKLNYPASSLVVVR 300

DB 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMEOKLNYPASSLVVVR 300

QY 301 SKTEHDEAGPLPTKVNLAHSEI 323

DB 301 SKTEHDEAGPLPTKVNLAHSEI 323

RESULT 181

ADB40785

AD ADB40785 standard; protein; 323 AA.

AC ADB40785;

QY 29-JAN-2004 (first entry)

QY Human PRO polypeptide #136.

QY Human; PRO; secreted polypeptide; transmembrane polypeptide;

QY tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;

QY cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;

QY liver; microvascular endothelial cell; glucose; FFA;

QY skeletal muscle cell; adipocyte cell; pericyte cell;

QY inner ear utricular supporting cell; T-lymphocyte cell;

QY endothelial cell tube formation; bone disorder; cartilage disorder;

QY sports injury; proteoglycan; articular cartilage defect; osteoarthritis;

QY rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;

QY immune system cell infiltration.

QY Homo sapiens.

QY US2003199031-A1.

QY 23-OCT-2003.

QY 28-MAY-2002; 2002US-00156842.

QY 05-JUN-2000; 2000US-0209832P.

QY 01-DEC-2000; 2000WO-US032678.

QY 19-DEC-2001; 2001US-00028072.

QY (GETH ) GENENTECH INC.

XX Query Match

XX Best Local Similarity 100.0%; Score 1694; DB 7; Length 323;

XX Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

DB 1 MAAPKGSLLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YKBEELVACQRCGLFICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

DB 61 YKBEELVACQRCGLFICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

QY 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIP 180

DB 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIP 180

QY 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240

DB 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240

QY 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMEOKLNYPASSLVVVR 300

DB 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMEOKLNYPASSLVVVR 300

QY 301 SKTEHDEAGPLPTKVNLAHSEI 323

DB 301 SKTEHDEAGPLPTKVNLAHSEI 323

XX

DR WPI; 2003-900160/82.

DR N-PSDB; ADB40784.

XX

PT Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
PT useful for treating pericyte-associated tumors, diabetes and various bone  
PT and/or cartilage disorders, e.g. arthritis.

XX

PS Claim 12; Fig 272; 637pp; English.

XX

CC The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

DB 1 MAAPKGSLLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YKBEELVACQRCGLFICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

DB 61 YKBEELVACQRCGLFICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

QY 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIP 180

DB 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIP 180

QY 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240

DB 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMRNSQAHNFLEDESGDFLRLCLSLNSGW 240

QY 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMEOKLNYPASSLVVVR 300

DB 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMEOKLNYPASSLVVVR 300

QY 301 SKTEHDEAGPLPTKVNLAHSEI 323

DB 301 SKTEHDEAGPLPTKVNLAHSEI 323

RESULT 182  
AD04584  
ID AD04584 standard; protein; 323 AA.  
XX  
AC AD04584;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Human PRO polypeptide #136.  
XX  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; PFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX  
OS Homo sapiens.  
XX  
PN US2003199034-A1.  
XX  
PD 23-OCT-2003.  
XX  
XX 28-MAY-2001; 2001US-00156846.  
XX  
XX 03-MAR-2000; 2000US-0187202P.  
XX  
XX 01-DEC-2000; 2000WO-US032678.  
XX  
XX 19-DEC-2001; 2001US-00028072.  
XX  
XX (GETE ) GENENTECH INC.  
XX  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
XX Geritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
XX WPI; 2003-900163/82.  
XX  
XX N-PSDB; AD04583.  
XX  
XX Two hundred and seventy five nucleic acids encoding PRO polypeptides,  
XX useful for treating pericyte-associated tumors, diabetes and various bone  
XX and/or cartilage disorders, e.g. arthritis.  
XX  
XX Claim 12; Fig 272; 637pp; English.  
XX  
XX The invention relates to isolated human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the polynucleotides encoding them. The  
XX invention also relates to an antibody which specifically binds to a PRO  
XX polypeptide, a method for stimulating the release of tumour necrosis  
XX factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
XX proliferation or differentiation of chondrocyte cells and a method for  
XX detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
XX colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
XX polynucleotides are useful in molecular biology, including uses as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA and in gene therapy. The polynucleotides may also  
XX be used in preparing PRO polypeptides by recombinant techniques and in  
XX generating either transgenic animals or knock-out animals which are  
XX useful in the development and screening of therapeutically useful  
XX reagents. The PRO polypeptides or antibodies are used in preparing a  
XX medicament for treating a condition responsive to the polypeptides or  
XX antibodies, such as tumours, for stimulating and inhibiting proliferation  
XX of human microvascular endothelial cells, for modulating the uptake of  
XX glucose or PFA by skeletal muscle cells or adipocyte cells, for  
XX stimulating differentiation of adipocyte cells, for stimulating  
XX proliferation of or gene expression in pericyte cells, for stimulating  
XX the proliferation of inner ear utricular supporting cells or T-lymphocyte  
XX cells, for inducing endothelial cell tube formation and for treating

CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems,  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: the  
CC USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 7; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
QY 1 MAAPKGSLSWVTRTQLGLPPLLLLTWALAGSGCTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQLGLPPLLLLTWALAGSGCTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKREELVACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKREELVACQRCGLFSCICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFMSDMDSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFMSDMDSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLQEPTNLRESSLSKMSYLQMRNSQAHRNLFEDGESDGFURCLSLNSGW 240  
DB 181 QSKPEIQVAPHLQEPTNLRESSLSKMSYLQMRNSQAHRNLFEDGESDGFURCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATVQVVPSEKLSIYGDLEFMAEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATVQVVPSEKLSIYGDLEFMAEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 183

AD081009  
ID ADC81009 standard; protein; 323 AA.

XX ADC81009;

XX 15-JAN-2004 (first entry)

XX Novel human secreted and transmembrane protein PRO195.

XX Human; secreted and transmembrane protein; PRO; secreted polypeptide;  
KW transmembrane polypeptide; tumour necrosis factor-alpha; TNF-alpha;  
KW chondrocyte; tumour; cancer; adrenal; lung; colon; breast; prostate;  
KW rectum; kidney; cervix; liver; microvascular endothelial cell;  
KW glucose uptake modulator; PFA uptake modulator; cell proliferation;  
KW cell differentiation; skeletal muscle cell; adipocyte cell;  
KW pericyte cell; inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder; thalassaemia;  
KW immune system cell infiltration; chromosome mapping; gene mapping;  
KW gene therapy; chromosome identification; chromosome marker.

XX Homo sapiens.

XX US2003092115-A1.

XX 15-MAY-2003.

XX 30-MAY-2002; 2002US-00158785.

XX

05-JUN-2000; 2000US-0209832P.  
01-DEC-2000; 2000WO-US032678.  
19-DEC-2001; 2001US-00028072.  
(GETH ) GENENTECH INC.  
Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
Smith V, Stewart TA, Tamas D, Watanabe CK, Wood WI, Zhang Z;  
WPI; 2004-020238/02.  
N-PSDB; ABC81008.  
New secreted and transmembrane nucleic acids and polypeptides, designated  
as PRO, useful for treating inflammation, organ failure, atherosclerosis,  
cardiac injury, infertility, birth defects, premature aging, AIDS, or  
cancer.  
Claim 12; Fig 272; 637pp; English.  
The invention relates to isolated human PRO polypeptides (secreted and  
transmembrane polypeptides) and the polynucleotides encoding them. The  
invention also relates to an antibody which specifically binds to a PRO  
polypeptide, a method for stimulating the release of tumour necrosis  
factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
proliferation or differentiation of chondrocyte cells and a method for  
detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
polynucleotides are useful in molecular biology, including uses as  
hybridisation probes, in chromosome and gene mapping, in generating  
antisense RNA and DNA and in gene therapy. The polynucleotides may also  
be used in preparing PRO polypeptides by recombinant techniques and in  
generating either transgenic animals or knock-out animals which are  
useful in the development and screening of therapeutically useful  
reagents. The PRO polypeptides or antibodies are used in preparing a  
medicament for treating a condition responsive to the polypeptides or  
antibodies, such as tumours, for stimulating and inhibiting proliferation  
of human microvascular endothelial cells, for modulating the uptake of  
glucose or FFA (free fatty acid) by skeletal muscle cells or adipocyte  
cells, for stimulating differentiation of adipocyte cells, for  
stimulating proliferation of or gene expression in pericyte cells, for  
stimulating the proliferation of inner ear utricular supporting cells or  
T-lymphocyte cells, for inducing endothelial cell tube formation and for  
treating various bone and/or cartilage disorders such as sports injuries  
and arthritis. PRO polypeptides which stimulate the release of  
proteoglycans from cartilage are useful for treating sports-related joint  
problems, articular cartilage defects, osteoarthritis and rheumatoid  
arthritis. PRO polypeptides are also useful for treating various  
mammalian haemoglobin-associated disorders such as various thalassaemias  
and conditions which may benefit from enhanced local immune system cell  
infiltration. This sequence represents a human PRO polypeptide of the  
invention. Note: The sequence data for this patent is also available in  
electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGPTASCHRAQCLTYPLHT 60  
1 MAAPKGLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGPTASCHRAQCLTYPLHT 60  
61 YPKSEELYACGRCGLFSICQFVDDGIDLNRKTLCECSACTEAYSQSDQYACHLACQ 120  
61 YPKSEELYACGRCGLFSICQFVDDGIDLNRKTLCECSACTEAYSQSDQYACHLACQ 120  
121 LPFAELRQELMSLMPKSHLLFPLTLVRSFWSMDMSAQSPFSSFTYLLQDDGKIVIP 180  
121 LPFAELRQELMSLMPKSHLLFPLTLVRSFWSMDMSAQSPFSSFTYLLQDDGKIVIP 180  
181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLMQRNSQAHRNFLDEGSDGFLRCLSLNSGW 240

Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLMQRNSQAHRNFLDEGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVNVLLWICCATVATAVEQYVSEKLSIYGDLEFNEQKLNRYPASSLVYVR 300  
Db 241 ILTTTLVLSVNVLLWICCATVATAVEQYVSEKLSIYGDLEFNEQKLNRYPASSLVYVR 300  
Qy 301 SKTDEHEEAGPLPTKYNLAHSEI 323  
Db 301 SKTDEHEEAGPLPTKYNLAHSEI 323  
RESULT 184  
ADD76457  
ID ADD76457 standard; protein; 323 AA.  
XX AC ADD76457;  
XX DT 29-JAN-2004 (first entry)  
XX DE Human PRO polypeptide #136.  
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
OS Homo sapiens.  
XX US2003100087-A1.  
XX 29-MAY-2003.  
XX 16-APR-2002; 2002US-00123912.  
XX 31-MAR-1997; 97WO-US005230.  
XX 12-JUN-1998; 98WO-US012456.  
XX 14-JUL-1998; 98WO-US014552.  
XX 28-AUG-1998; 98WO-US017888.  
XX 10-SEP-1998; 98WO-US018824.  
XX 14-SEP-1998; 98WO-US019093.  
XX 14-SEP-1998; 98WO-US019094.  
XX 14-SEP-1998; 98WO-US019177.  
XX 16-SEP-1998; 98WO-US019330.  
XX 17-SEP-1998; 98WO-US019437.  
XX 07-OCT-1998; 98WO-US021141.  
XX 29-OCT-1998; 98WO-US022991.  
XX 29-OCT-1998; 98WO-US022992.  
XX 20-NOV-1998; 98WO-US024855.  
XX 01-DEC-1998; 98WO-US025108.  
XX 05-JAN-1999; 99WO-US000106.  
XX 08-MAR-1999; 99WO-US0065028.  
XX 10-MAR-1999; 99WO-US0065190.  
XX 20-APR-1999; 99WO-US008615.  
XX 14-MAY-1999; 99WO-US010733.  
XX 02-JUN-1999; 99WO-US012252.  
XX 01-SEP-1999; 99WO-US020111.  
XX 08-SEP-1999; 99WO-US020594.  
XX 13-SEP-1999; 99WO-US020944.  
XX 15-SEP-1999; 99WO-US021090.  
XX 15-SEP-1999; 99WO-US021547.  
XX 05-OCT-1999; 99WO-US023089.  
XX 29-NOV-1999; 99WO-US028214.  
XX 30-NOV-1999; 99WO-US028313.  
XX 30-NOV-1999; 99WO-US028409.  
XX 01-DEC-1999; 99WO-US028501.  
XX 01-DEC-1999; 99WO-US028634.

PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 22-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US000356.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030973.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-0074259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 03-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001US-0019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.  
PR 19-DEC-2001; 2001US-00028072.

(GETH ) GENENTECH INC.

XX Baker KP, Beresini M, Deforge L, Deenoyers L, Filvaroff E, Gao W;  
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;

XX WPI: 2004-008956/01.  
DR N-PSDB; ADD76456.  
XX  
PT New PRO nucleic acid, useful for recombinantly producing a PRO  
PT polypeptide and for manufacturing a medicament for diagnosing or treating  
XX a tumor.  
PS  
XX Claim 12; Fig 272; 638pp; English.

CC The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting proliferation  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or PFA by skeletal muscle cells or adipocyte cells, for stimulating  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC the proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

XX Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWVTRTQLGLPPLLLLTALAGSGTASAPAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGLWVTRTQLGLPPLLLLTALAGSGTASAPAFDSVLGDTASCHRAQLTYPLHT 60  
Qy 61 YPKKEELYACQRCGLFSCQFVDDGIDLNRKLCESACTRAYSDSQYACHLGCQHQ 120  
Db 61 YPKKEELYACQRCGLFSCQFVDDGIDLNRKLCESACTRAYSDSQYACHLGCQHQ 120  
Qy 121 LPFAELRQEQLSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGHVIF 180  
Db 121 LPFAELRQEQLSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGHVIF 180  
Qy 181 QSKPEIQYAPHLQEPTNLRESSLKMSYLOWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPTNLRESSLKMSYLOWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILATTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILATTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLTKVNLHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 185  
 DD87821  
 D ADD87821 standard; protein; 323 AA.  
 C ADD87821;  
 X 29-JAN-2004 (first entry)  
 T Human PRO polypeptide #136.  
 E  
 X Human; PRO; secreted polypeptide; transmembrane polypeptide;  
 M tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
 M cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
 M liver; microvascular endothelial cell; glucose; FFA;  
 M skeletal muscle cell; adipocyte cell; pericyte cell;  
 M inner ear utricular supporting cell; T-lymphocyte cell;  
 M endothelial cell tube formation; bone disorder; cartilage disorder;  
 M sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 M rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
 M immune system cell infiltration.  
 X Homo sapiens.  
 S US2003092113-A1.  
 X 15-MAY-2003.  
 D 16-MAY-2002; 2002US-00147523.  
 F 09-DEC-1999; 99US-0170262P.  
 R 01-DEC-2000; 2000WO-US032678.  
 R 19-DEC-2001; 2001US-00028072.  
 X (GETH ) GENENTECH INC.  
 A Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W;  
 I Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 I Smith V, Stewart FA, Tamas D, Watanabe CK, Wood WI, Zhang Z;  
 X WPI; 2004-020237/02.  
 R N-PSDB; ADD87820.  
 X New secreted and transmembrane nucleic acids and polypeptides, designated  
 T as PRO, useful for treating inflammation, organ failure, atherosclerosis,  
 T cardiac injury, infertility, birth defects, premature aging, AIDS, or  
 T cancer.  
 X Claim 12; Fig 272; 637pp; English.  
 X The invention relates to isolated human PRO polypeptides (secreted and  
 X transmembrane polypeptides) and the polynucleotides encoding them. The  
 X invention also relates to an antibody which specifically binds to a PRO  
 X polypeptide, a method for stimulating the release of tumour necrosis  
 X factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
 X proliferation or differentiation of chondrocyte cells and a method for  
 X detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
 X colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
 X polynucleotides are useful in molecular biology including uses as  
 X hybridisation probes, in chromosome and gene mapping, in generating  
 X antisense RNA and DNA and in gene therapy. The polynucleotides may also  
 X be used in preparing PRO polypeptides by recombinant techniques and in  
 X generating either transgenic animals or knock-out animals which are  
 X useful in the development and screening of therapeutically useful  
 X reagents. The PRO polypeptides or antibodies are used in preparing a  
 X medicament for treating a condition responsive to the polypeptides or  
 X antibodies, such as tumours, for stimulating and inhibiting proliferation  
 X of human microvascular endothelial cells, for modulating the uptake of  
 X glucose or FFA by skeletal muscle cells or adipocyte cells, for  
 X stimulating differentiation of adipocyte cells, for stimulating  
 X proliferation of or gene expression in pericyte cells, for stimulating  
 X the proliferation of inner ear utricular supporting cells or T-lymphocyte

CC cells, for inducing endothelial cell tube formation and for treating  
 CC various bone and/or cartilage disorders such as sports injuries and  
 CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
 CC from cartilage are useful for treating sports-related joint problems,  
 CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
 CC polypeptides are also useful for treating various mammalian haemoglobin-  
 CC associated disorders such as various thalassaemias and conditions which  
 CC may benefit from enhanced local immune system cell infiltration. This  
 CC sequence represents a human PRO polypeptide of the invention. Note: The  
 CC sequence data for this patent is also available in electronic format from  
 CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
 XX

## SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLEHT 60  
 DB 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLEHT 60  
 QY 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRITKLECSACTEAYSQSDBOYACHLGCQ 120  
 DB 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRITKLECSACTEAYSQSDBOYACHLGCQ 120  
 QY 121 LPFAELRQELMSLMPKXHLFPPLTVRSFWSMDPSAQSFTSSWTFYLOADDGKIVP 180  
 DB 121 LPFAELRQELMSLMPKXHLFPPLTVRSFWSMDPSAQSFTSSWTFYLOADDGKIVP 180  
 QY 181 QSKPEIOYAPHELOEPTNRESLSKMSYLOMNSQAHNRNLFEDGESDGLRCLSLNSGW 240  
 DB 181 QSKPEIOYAPHELOEPTNRESLSKMSYLOMNSQAHNRNLFEDGESDGLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVWLLWICCATVATAVQYVPSEKLSYIGDLEFANEOKLARYPASSLVVVR 300  
 DB 241 ILTTTLVLSVWLLWICCATVATAVQYVPSEKLSYIGDLEFANEOKLARYPASSLVVVR 300  
 QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 186

ADD86225  
 ID ADD86225 standard; protein; 323 AA.  
 XX

AC ADD86225;  
 XX

DT 29-JAN-2004 (first entry)  
 XX

DE Human PRO polypeptide #136.  
 XX

DE Human; PRO; secreted polypeptide; transmembrane polypeptide;  
 KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
 KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
 KW liver; microvascular endothelial cell; glucose; FFA;  
 KW skeletal muscle cell; adipocyte cell; pericyte cell;  
 KW inner ear utricular supporting cell; T-lymphocyte cell;  
 KW endothelial cell tube formation; bone disorder; cartilage disorder;  
 KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
 KW immune system cell infiltration.  
 XX

OS Homo sapiens.  
 XX

PN US2003203440-A1.  
 XX

PD 30-OCT-2003.  
 XX

PF 29-MAY-2002; 2002US-00157798.  
 XX

PF 05-JUN-2000; 2000US-0209832P.  
 PR

PI 01-DEC-2000; 2000WO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
PA (GETH ) GENENTECH INC.  
PI Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PU, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
DR WPI; 2004-021363/02.  
DR N-PSDB; ADD86224.  
XX  
XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or  
PT PRO4978, useful in molecular biology, chromosome and gene mapping, in  
PT generating antisense RNA and DNA, and in gene therapy.  
PS  
PS Claim 12; Fig 272; 637pp; English.  
XX  
XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting the uptake of  
CC human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC the proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems.  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassaemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).  
XX  
SQ Sequence 323 AA;  
Query Match 100.0%; Score 1694; DB 8; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
QY 1 MAAPKGLWVRQTGLPPLLLLTALAGSGTAGSAEAFDSVLGDTASCHRAQQLTYPLHT 60  
DB 1 MAAPKGLWVRQTGLPPLLLLTALAGSGTAGSAEAFDSVLGDTASCHRAQQLTYPLHT 60  
QY 61 YPKBELYACQRCRFLSICQFVDDGIDLNRTKLECSACTRAYSQSDQVACHGCGNQ 120  
DB 61 YPKBELYACQRCRFLSICQFVDDGIDLNRTKLECSACTRAYSQSDQVACHGCGNQ 120  
QY 121 LPFAELRQEQLSMLPQKMLPFLTLVRSFWSMDMSAQSFITSSWTFLQADDGKIVIF 180  
DB 121 LPFAELRQEQLSMLPQKMLPFLTLVRSFWSMDMSAQSFITSSWTFLQADDGKIVIF 180  
QY 181 QSKPEIQYAPHLQEPTNLRESSLKMSYLOMNSQAHNFLEDGESGDFLRCLSNSGW 240  
DB 181 QSKPEIQYAPHLQEPTNLRESSLKMSYLOMNSQAHNFLEDGESGDFLRCLSNSGW 240

QY 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGDLEPMNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGDLEPMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHREAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHREAGPLPTKVNLAHSEI 323  
RESULT 187  
ADE75673  
ID ADE75673 standard; protein; 323 AA.  
XX  
AC ADE75673;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
XX Human PRO polypeptide #136.  
XX  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX  
OS Homo sapiens.  
PN US2003211571-A1.  
XX  
XX 13-NOV-2003.  
XX  
XX 20-MAY-2002; 2002US-00152405.  
XX  
XX 03-MAR-2000; 2000US-0187202P.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
PI Gerritsen ME, Goddard A, Godowski PU, Gurney AL, Sherwood S;  
PI Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX  
XX WPI; 2004-051576/05.  
DR N-PSDB; ADE75672.  
XX  
XX New secreted and transmembrane PRO polypeptide and nucleic acid encoding  
it, for use in gene therapy, as diagnostic markers for the presence of a  
PT disease condition, or as therapeutic targets for treating tumors,  
PT diabetes, or arthritis.  
XX  
XX Claim 12; Fig 272; 637pp; English.  
XX  
XX The invention relates to isolated human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the polynucleotides encoding them. The  
CC invention also relates to an antibody which specifically binds to a PRO  
CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful

reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKGSILWRTQLGLPPLLLTALAGSGSTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGSILWRTQLGLPPLLLTALAGSGSTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
61 YPKBEELIYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHGACQ 120  
61 YPKBEELIYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHGACQ 120  
121 LPFAELQEQQLMSLMPKWHLLPPLTITVRSFWSQMDQSAQSPITSSFTFYLAQDQKIVP 180  
121 LPFAELQEQQLMSLMPKWHLLPPLTITVRSFWSQMDQSAQSPITSSFTFYLAQDQKIVP 180  
181 QSKPEIQVAPHEQEPTNLRESSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
181 QSKPEIQVAPHEQEPTNLRESSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
241 ILFTTLVLSVMVLLWICATVATAVEQYVPSKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
241 ILFTTLVLSVMVLLWICATVATAVEQYVPSKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
301 SKTDEHEEAGPLPKVLAHSEI 323  
301 SKTDEHEEAGPLPKVLAHSEI 323

RESULT 188

ADB48664

D ADB48664 standard; protein; 323 AA.

C ADB48664;

T 29-JAN-2004 (first entry)

X Human secreted/transmembrane protein, PRO195.

X Human; secreted protein; transmembrane protein; PRO; cytostatic;  
X ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;  
X auditory; tumour growth; retinal disorder; sports-related joint problem;  
X articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
X wound healing; hearing loss.

X Homo sapiens.

X US2003104536-A1.

X 05-JUN-2003.

PF 19-OCT-2001; 2001US-00166709.  
XX 07-OCT-1998; 98WO-US0211141.  
PR 20-NOV-1998; 98WO-US024855.  
PR 05-JAN-1999; 99WO-US0010106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 11-FEB-2000; 2000WO-US000376.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.

XX (GETH ) GENENTECH INC.

PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
XX Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
PI Kljavin LJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy WA, Shelton DL;  
PI Stewart TA, Tumas D, Williams PM, Wood WI;  
XX WPI; 2004-008994/01.

DR N-PSDB; ADE48663.

XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO4993 or  
DR PRO337, useful in molecular biology, chromosome and gene mapping, in  
XX generating antisense RNA and DNA, and in gene therapy.

PS Claim 12; SEQ ID NO 330; 460pp; English.

XX The invention relates to an isolated PRO polypeptide (secreted or  
CC transmembrane protein) having at least 80% amino acid sequence identity  
CC to an amino acid sequence chosen from 94 fully defined sequences as given  
CC in the specification (including PRO lacking its associated signal  
CC peptide, a PRO extracellular domain with or without its associated signal  
CC peptide). Also included are nucleic acids encoding the PRO proteins  
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
CC comprising the vector and producing PRO, a chimeric molecule comprising  
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
CC Significantly, PRO4993 polypeptide is useful for detecting PRO337  
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting



CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
 CC molecule is the toxin, radiolabel or an antibody. The bioactive molecule  
 CC causes death of the cell. PRO337 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO4993 polypeptide. PRO725,  
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
 CC useful for linking a bioactive molecule to a cell expressing PRO725,  
 CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
 CC polypeptide is useful for modulating at least one biological activity of  
 CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
 CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
 CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
 CC modulating the biological activity of the cell expressing PRO1559  
 CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
 CC PRO739 polypeptide is useful for modulating the biological activity of  
 CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
 CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
 CC sports-related joint problems, articular cartilage defects,  
 CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
 CC mammals. The present sequence represents a PRO protein.  
 XX  
 SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKSLWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 DB 1 MAAPKSLWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 QY 61 YPKBELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 DB 61 YPKBELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 QY 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTYQLQADGKIVIF 180  
 DB 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTYQLQADGKIVIF 180  
 QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWNSQAHRNFLEDGESDGLRCLSLNSGW 240  
 DB 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWNSQAHRNFLEDGESDGLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVWVLLMTCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
 DB 241 ILTTTLVLSVWVLLMTCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
 QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
 DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 189  
 AD841258  
 ID ADE41258 standard; protein; 323 AA.  
 XX AC ADE41258;  
 XX DT 29-JAN-2004 (first entry)  
 XX DE Human secreted/transmembrane PRO polypeptide #4.  
 XX KW human; secreted protein; transmembrane protein; cardiovascular disorder;  
 KW endothelial disorder; angiogenic disorder; myocardial infarction;  
 KW cardiac hypertrophy; trauma; cancer; age-related macular degeneration;  
 KW angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;  
 KW endothelial cell tube formation.  
 XX OS Homo sapiens.  
 XX PN US2003100497-A1.

XX 29-MAY-2003.  
 XX 16-AUG-2002; 2002US-00223085.  
 XX 20-JUN-2001; 2001WO-US019692.  
 PR 09-JUL-2001; 2001WO-US021735.  
 XX 20-FEB-2002; 2002US-00081056.  
 XX (GETH ) GENENTECH INC.  
 PA Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A; Stephan JP;  
 PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Ye W;  
 PI Watanabe CK, Williams PM, Wood WI, Ye W;  
 XX WPI; 2004-008957/01.  
 DR N-PSDB; ADB41257.  
 XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO205 or  
 PT PRO214, useful in molecular biology, chromosome and gene mapping, in  
 PT generating antisense RNA and DNA, and for treating disorders involving  
 PT angiogenesis.  
 XX  
 PS Claim 11; SEQ ID NO 8; 492pp; English.  
 XX  
 CC The invention relates to an isolated nucleic acid encoding a secreted and  
 CC transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded  
 CC by the nucleic acid, or an agonist or antagonist, is used to treat a  
 CC cardiovascular, endothelial, or angiogenic disorder in a mammal,  
 CC preferably a human. The human may have suffered a myocardial infarction  
 CC or has cardiac hypertrophy, trauma, a cancer, or age-related macular  
 CC degeneration. The cardiac hypertrophy is characterized by the presence of  
 CC an elevated level of PGP-2 alpha. A PRO polypeptide, given in the  
 CC specification, or an agonist is used to inhibit or stimulate endothelial  
 CC cell growth in a mammal. PRO21 or an agonist is used to induce cardiac  
 CC hypertrophy. PRO1376 or PRO1449 is used to stimulate angiogenesis. A PRO  
 CC PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO  
 CC polypeptide, given in the specification, or an agonist is used to  
 CC stimulate or inhibit smooth muscle cell growth, or to induce endothelial  
 CC cell tube formation. The present sequence represents the amino acid  
 CC sequence of a PRO polypeptide of the invention.  
 XX  
 SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKSLWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 DB 1 MAAPKSLWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
 QY 61 YPKBELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 DB 61 YPKBELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 QY 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTYQLQADGKIVIF 180  
 DB 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTYQLQADGKIVIF 180  
 QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWNSQAHRNFLEDGESDGLRCLSLNSGW 240  
 DB 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWNSQAHRNFLEDGESDGLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVWVLLMTCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
 DB 241 ILTTTLVLSVWVLLMTCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
 QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
 DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323



CC from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC the USPTO website at seqdata.uspto.gov.  
XX  
SQ Sequence 323 AA;  
  
Query Match 100.0%; Score 1694; DB 8; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKSLWRTQGLPPLLLLTWALAGSGTASARAFDSVLGDTASCHRACOLTYPPLHT 60  
DB 1 MAAPKSLWRTQGLPPLLLLTWALAGSGTASARAFDSVLGDTASCHRACOLTYPPLHT 60  
  
QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLCQCNQ 120  
DB 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLCQCNQ 120  
  
QY 121 LPPAELFOELMSLMPKMLLPFLTLVRSFMSMDMSAQSPITSSWTFYLOADGKIVIF 180  
DB 121 LPPAELFOELMSLMPKMLLPFLTLVRSFMSMDMSAQSPITSSWTFYLOADGKIVIF 180  
  
QY 181 QSKPEIQYAPHELOEPTNLRESSLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHELOEPTNLRESSLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
  
QY 241 ILFTTVLSVWVLLWICCATVATVAVQYVPESEKLSYIGDLEFMEKLNRYPASSVWVVR 300  
DB 241 ILFTTVLSVWVLLWICCATVATVAVQYVPESEKLSYIGDLEFMEKLNRYPASSVWVVR 300  
  
QY 301 SKTEDHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323  
  
RESULT 191  
ADE23801  
ID ADE23801 standard; protein; 323 AA.  
XX  
AC ADE23801;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Human PRO polypeptide #136.  
XX  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;  
KW immune system cell infiltration.  
XX  
OS Homo sapiens.  
XX  
FN US2003092110-A1.  
XX  
PD 15-MAY-2003.  
XX  
PF 03-MAY-2002; 2002US-00137864.  
XX  
PR 03-MAR-2000; 2000US-0187202P.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 19-DEC-2001; 2001US-00028072.  
XX

RESULT 190  
ADE23249  
D ADE23249 standard; protein; 323 AA.  
X  
C ADE23249;  
X  
T 29-JAN-2004 (first entry)  
X  
B Human PRO polypeptide #136.  
X  
X Human; PRO; secreted polypeptide; transmembrane polypeptide;  
X tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
X cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
X liver; microvascular endothelial cell; glucose; FFA;  
X skeletal muscle cell; adipocyte cell; pericyte cell;  
X inner ear utricular supporting cell; T-lymphocyte cell;  
X endothelial cell tube formation; bone disorder; cartilage disorder;  
X sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
X rheumatoid arthritis; haemoglobin-associated disorder thalassemia;  
X immune system cell infiltration.  
X  
S Homo sapiens.  
X  
N US2003092108-A1.  
X  
D 15-MAY-2003.  
X  
F 24-APR-2002; 2002US-00131835.  
X  
R 01-DEC-2000; 2000WO-US032678.  
R 19-DEC-2001; 2001US-00028072.  
X  
A (GETH ) GENENTECH INC.  
X  
X Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
X Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
X Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
X  
X WPI; 2004-020234/02.  
X N-PSDB; ADE23248.  
X  
T New secreted and transmembrane nucleic acids and polypeptides, designated  
T as PRO, useful for treating inflammation, organ failure, atherosclerosis,  
T cardiac injury, infertility, birth defects, premature aging, AIDS, or  
T cancer.  
X  
S Claim 12; Fig 272; 637pp; English.  
X  
C The invention relates to isolated human PRO polypeptides (secreted and  
C transmembrane polypeptides) and the polynucleotides encoding them. The  
C invention also relates to an antibody which specifically binds to a PRO  
C polypeptide, a method for stimulating the release of tumour necrosis  
C factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
C proliferation or differentiation of chondrocyte cells and a method for  
C detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
C colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
C polynucleotides are useful in molecular biology, including uses as  
C hybridisation probes, in chromosome and gene mapping, in generating  
C antisense RNA and DNA and in gene therapy. The polynucleotides may also  
C be used in preparing PRO polypeptides by recombinant techniques and in  
C generating either transgenic animals or knock-out animals which are  
C useful in the development and screening of therapeutically useful  
C reagents. The PRO polypeptides or antibodies are used in preparing a  
C medicament for treating a condition responsive to the polypeptides or  
C antibodies, such as tumours, for stimulating and inhibiting proliferation  
C of human microvascular endothelial cells, for modulating the uptake of  
C glucose or FFA by skeletal muscle cells or adipocyte cells, for  
C stimulating differentiation of adipocyte cells, for stimulating  
C the proliferation of or gene expression in pericyte cells, for stimulating  
C the proliferation of inner ear utricular supporting cells or T-lymphocyte  
C cells, for inducing endothelial cell tube formation and for treating  
C various bone and/or cartilage disorders such as sports injuries and  
C arthritis. PRO polypeptides which stimulate the release of proteoglycans

PA	(GETH ) GENENTECH INC.
XX	Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;
PI	Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;
PI	Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;
XX	WPI: 2004-020235/02.
DR	N-PSDB; AD823800.
XX	New secreted and transmembrane nucleic acids and polypeptides, designated
PT	as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT	cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT	cancer.
XX	Claim 12; Fig 272; 637pp; English.
XX	The invention relates to isolated human PRO polypeptides (secreted and
CC	transmembrane polypeptides) and the polynucleotides encoding them. The
CC	invention also relates to an antibody which specifically binds to a PRO
CC	polypeptide, a method for stimulating the release of tumour necrosis
CC	factor-alpha (TNF-alpha) from human blood, a method for stimulating the
CC	proliferation or differentiation of chondrocyte cells and a method for
CC	detecting the presence of a tumour in a mammal (e.g. adrenal, lung,
CC	colon, breast, prostate, rectal, kidney, cervical and liver tumours). The
CC	polynucleotides are useful in molecular biology, including uses as
CC	hybridisation probes, in chromosome and gene mapping, in generating
CC	antisense RNA and DNA and in gene therapy. The polynucleotides may also
CC	be used in preparing PRO polypeptides by recombinant techniques and in
CC	generating either transgenic animals or knock-out animals which are
CC	useful in the development and screening of therapeutically useful
CC	reagents. The PRO polypeptides or antibodies are used in preparing a
CC	medicament for treating a condition responsive to the polypeptides or
CC	antibodies, such as tumours, for stimulating and inhibiting proliferation
CC	of human microvascular endothelial cells, for modulating the uptake of
CC	glucose or FFA by skeletal muscle cells or adipocyte cells, for
CC	stimulating differentiation of adipocyte cells, for stimulating
CC	proliferation of or gene expression in pericyte cells, for stimulating
CC	the proliferation of inner ear utricular supporting cells or T-lymphocyte
CC	cells, for inducing endothelial cell tube formation and for treating
CC	various bone and/or cartilage disorders such as sports injuries and
CC	arthritis. PRO polypeptides which stimulate the release of proteoglycans
CC	from cartilage are useful for treating sports-related joint problems. PRO
CC	articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO
CC	polypeptides are also useful for treating various mammalian haemoglobin-
CC	associated disorders such as various thalassemias and conditions which
CC	may benefit from enhanced local immune system cell infiltration. This
CC	sequence represents a human PRO polypeptide of the invention. Note: The
CC	sequence data for this patent is also available in electronic format from
CC	the USPTO website at seqdata.uspto.gov.
XX	Sequence 323 AA;
SQ	Query Match 100.0%; Score 1694; DB 8; Length 323;
	Best Local Similarity 100.0%; Pred. No. 5.5e-167;
	Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY	1 MAAPKGLSVRTQLGLPPLLLITMALAGSGTASAEAFDSVLGTASCHRACOLTYFLHT 60
DB	1 MAAPKGLSVRTQLGLPPLLLITMALAGSGTASAEAFDSVLGTASCHRACOLTYFLHT 60
QY	61 YPKPEELYACQGCRFLFSICQFVDDGIDLNRKLCEBACTEAYSQSDEQVACHLGQNQ 120
DB	61 YPKPEELYACQGCRFLFSICQFVDDGIDLNRKLCEBACTEAYSQSDEQVACHLGQNQ 120
QY	121 LPFAELRQBLMSLPMPKMLHLLPFLTLVRFSFWSDMMDSAQSFTTSWTLYLOADGKIIVIF 180
DB	121 LPFAELRQBLMSLPMPKMLHLLPFLTLVRFSFWSDMMDSAQSFTTSWTLYLOADGKIIVIF 180
QY	181 QSKPEIYOAPHLEQEPNTNRESLSKNWSVLOWNSQAHRNFLEDGESDGFRLCLSLNSGW 240
DB	181 QSKPEIYOAPHLEQEPNTNRESLSKNWSVLOWNSQAHRNFLEDGESDGFRLCLSLNSGW 240
QY	241 ILTTTLVLSVMVLLMTCCATATAVEQVPSEKLSIYGDLFPMEQKLNRYPASSLVVVR 300

antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or PFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO website at [seqdata.uspto.gov](http://seqdata.uspto.gov).

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWRTQGLPPLILLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
1 MAAPKGLWRTQGLPPLILLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
61 YPKEELIYACQRCGLFSCQFVDDGIDLNRTKLECSACTRAYSDQYACHGCGNQ 120  
61 YPKEELIYACQRCGLFSCQFVDDGIDLNRTKLECSACTRAYSDQYACHGCGNQ 120  
121 LPFAELRQELMSLMPKHLFFLTIVRSFWSMDQSAQSFTSSWTFYLDGDKIVIP 180  
121 LPFAELRQELMSLMPKHLFFLTIVRSFWSMDQSAQSFTSSWTFYLDGDKIVIP 180  
181 QSKPEIQYAPHLQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLCLSLNSGW 240  
181 QSKPEIQYAPHLQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLCLSLNSGW 240  
241 ILFTTLVLSVMWLLICCATVATAVEQYVPSEKLSIYGDLEFNNQKLNRYPASSLVVVR 300  
241 ILFTTLVLSVMWLLICCATVATAVEQYVPSEKLSIYGDLEFNNQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLTKVNLAESEI 323  
301 SKTEDHEEAGPLTKVNLAESEI 323

ESULT 193

DD87269

D ADD87269 standard; protein; 323 AA.

X C ADD87269;

X C ADD87269;

X T 29-JAN-2004 (first entry)

X E Human PRO polypeptide #136.

X M Human; PRO; secreted polypeptide; transmembrane polypeptide;  
X M tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
X M cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
X M liver; microvascular endothelial cell; glucose; PFA;  
X M skeletal muscle cell; adipocyte cell; pericyte cell;  
X M inner ear utricular supporting cell; T-lymphocyte cell;  
X M endothelial cell tube formation; bone disorder; cartilage disorder;  
X M sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
X M rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
X M immune system cell infiltration.

X S Homo sapiens.

X N US2003203439-A1.

XX 30-OCT-2003.  
XX 17-MAY-2002; 2002US-00147499.  
XX 04-AUG-1998; 98US-0095301P.  
XX 02-JUN-1999; 99WO-US012252.  
XX 30-MAR-2000; 2000US-00380137.  
XX 30-MAR-2000; 2000WO-US008439.  
XX 01-DEC-2000; 2000WO-US032678.  
XX 19-DEC-2001; 2001US-00028072.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Beresini M, DeForge L, Deanoyers L, Filvaroff E, Gao W;  
XX Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
XX Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
XX WPI; 2004-021362/02.  
XX N-PSDB; ADD87268.

New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO1114 or PRO4978, useful in molecular biology, chromosome and gene mapping, in generating antisense RNA and DNA, and in gene therapy.

Claim 12; Fig 272; 649pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or PFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassaemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from the USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWRTQGLPPLILLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGLWRTQGLPPLILLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEELIYACQRCGLFSCQFVDDGIDLNRTKLECSACTRAYSDQYACHGCGNQ 120  
|||

Db 61 YPKBELYACQRCRLFSICQFVDIGDIDLNRKTLKESACTEAYSQSBQVACHLGCQNG 120  
Qy 121 LPFAELRQELMSLMPKXWELLFPFLTVLVSFWSDMWSAQSPITTSWTFYQLQADDGKIVIF 180  
Db 121 LPFAELRQELMSLMPKXWELLFPFLTVLVSFWSDMWSAQSPITTSWTFYQLQADDGKIVIF 180  
Qy 181 QSKPBIQVAPHLEQPTNLRSSLSKMSYLOQRNSQAHNRNPLEDGSDDGFLRCLSLNSGW 240  
Db 181 QSKPBIQVAPHLEQPTNLRSSLSKMSYLOQRNSQAHNRNPLEDGSDDGFLRCLSLNSGW 240  
Qy 241 ILTTTILVLSVWLLWICCATVATAVEQVPSKLSIYGDLEFMNEQKLNRYEASSLWVVR 300  
Db 241 ILTTTILVLSVWLLWICCATVATAVEQVPSKLSIYGDLEFMNEQKLNRYEASSLWVVR 300  
Qy 301 SKTDEHERAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHERAGPLPTKVNLAHSEI 323  
RESULT 194  
ADE89135  
ID ADE89135 standard; protein; 323 AA.  
XX  
AC ADE89135;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Human PRO polypeptide #136.  
XX  
KW Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassaemia;  
KW immune system cell infiltration.  
XX  
OS Homo sapiens.  
XX  
PN US2003199062-A1.  
XX  
PD 23-OCT-2003.  
XX  
PF 17-APR-2002; 2002US-00124823.  
XX  
PR 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US019824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 14-SEP-1998; 98WO-US019177.  
PR 16-SEP-1998; 98WO-US019330.  
PR 17-SEP-1998; 98WO-US019437.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022991.  
PR 29-OCT-1998; 98WO-US022992.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 20-APR-1999; 2000WO-US006319.  
PR 14-MAY-1999; 99WO-US008615.  
PR 02-JUN-1999; 99WO-US010733.  
PR 01-SEP-1999; 99WO-US012252.  
PR 08-SEP-1999; 99WO-US020111.  
PR 13-SEP-1999; 99WO-US020594.  
PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 05-OCT-1999; 99WO-US023089.  
PR 29-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.  
PR 16-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 20-DEC-1999; 99WO-US030911.  
PR 20-DEC-1999; 99WO-US030999.  
PR 22-DEC-1999; 99WO-US030720.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 18-FEB-2000; 2000WO-US004342.  
PR 22-FEB-2000; 2000WO-US004414.  
PR 24-FEB-2000; 2000WO-US004914.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 01-MAR-2000; 2000WO-US005601.  
PR 02-MAR-2000; 2000WO-US005746.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 15-MAR-2000; 2000WO-US006884.  
PR 20-MAR-2000; 2000WO-US007377.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 11-AUG-2000; 2000WO-US022031.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 10-NOV-2000; 2000WO-US030973.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 18-MAY-2001; 2001US-00860216.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 21-JUN-2001; 2001US-00887879.  
PR 22-JUN-2001; 2001WO-US020116.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 18-JUL-2001; 2001US-00908827.  
PR 06-AUG-2001; 2001US-00924419.  
PR 09-AUG-2001; 2001US-00927796.  
PR 16-AUG-2001; 2001US-00931836.

19-DEC-2001; 2001US-00028072.

(GETH ) GENENTECH INC.

Baker KP, Beresini M, DeForge L, Desnoyers L, Filvaroff E, Gao W; Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S; Smith V, Stewart TM, Tumas D, Watanabe CK, Wood WI, Zhang Z;

WPI; 2004-041360/04.

N-PSDB; ADE89134.

Novel isolated PRO polypeptide useful for treating diabetes, hyper- or hypo-insulinemia, sports injuries, arthritis, obesity, stroke, heart attack, various coagulation disorders, tumors.

Claim 12; SEQ ID NO 272; 538pp; English.

The invention relates to isolated human PRO polypeptides (secreted and transmembrane polypeptides) and the polynucleotides encoding them. The invention also relates to an antibody which specifically binds to a PRO polypeptide, a method for stimulating the release of tumour necrosis factor-alpha (TNF-alpha) from human blood, a method for stimulating the proliferation or differentiation of chondrocyte cells and a method for detecting the presence of a tumour in a mammal (e.g. adrenal, lung, colon, breast, prostate, rectal, kidney, cervical and liver tumours). The polynucleotides are useful in molecular biology, including uses as hybridisation probes, in chromosome and gene mapping, in generating antisense RNA and DNA and in gene therapy. The polynucleotides may also be used in preparing PRO polypeptides by recombinant techniques and in generating either transgenic animals or knock-out animals which are useful in the development and screening of therapeutically useful reagents. The PRO polypeptides or antibodies are used in preparing a medicament for treating a condition responsive to the polypeptides or antibodies, such as tumours, for stimulating and inhibiting proliferation of human microvascular endothelial cells, for modulating the uptake of glucose or FFA by skeletal muscle cells or adipocyte cells, for stimulating differentiation of adipocyte cells, for stimulating proliferation of or gene expression in pericyte cells, for stimulating the proliferation of inner ear utricular supporting cells or T-lymphocyte cells, for inducing endothelial cell tube formation and for treating various bone and/or cartilage disorders such as sports injuries and arthritis. PRO polypeptides which stimulate the release of proteoglycans from cartilage are useful for treating sports-related joint problems, articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO polypeptides are also useful for treating various mammalian haemoglobin-associated disorders such as various thalassemias and conditions which may benefit from enhanced local immune system cell infiltration. This sequence represents a human PRO polypeptide of the invention. Note: The sequence data for this patent is also available in electronic format from USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;  
Best Local Similarity 100.0%; Pred. No. 5.5e-167;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKGLWRTQGLPPLLLTALAGGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
1 MAAPKGLWRTQGLPPLLLTALAGGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
61 YPKKEEYACORGLFSCIQFVDDGIDLRKTKLECSACTEAYSQSDROYACHGCONQ 120  
61 YPKKEEYACORGLFSCIQFVDDGIDLRKTKLECSACTEAYSQSDROYACHGCONQ 120  
121 LPFAELRQELMSLMPKWHLLFPLTVRSFWSMDMSAQSFITTSWTFYLOADDGKIVF 180  
121 LPFAELRQELMSLMPKWHLLFPLTVRSFWSMDMSAQSFITTSWTFYLOADDGKIVF 180  
181 QSKPEIQYAPHLQEPNTNRESLSKMSYLOWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
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QY 241 ILTTLVLVSVMLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTLVLVSVMLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTDEHREAGPLTKVNLHSEI 323  
DB 301 SKTDEHREAGPLTKVNLHSEI 323

RESULT 195

ADE18274

ID ADE18274 standard; protein; 323 AA.

XX ADE18274;

XX 29-JAN-2004 (first entry)

XX Human PRO polypeptide #136.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide;  
KW tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
KW cancer; adrenal; lung; colon; breast; prostate; kidney; cervix;  
KW liver; microvascular endothelial cell; glucose; FFA;  
KW skeletal muscle cell; adipocyte cell; pericyte cell;  
KW inner ear utricular supporting cell; T-lymphocyte cell;  
KW endothelial cell tube formation; bone disorder; cartilage disorder;  
KW sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
KW rheumatoid arthritis; haemoglobin-associated disorder thalassemia;  
KW immune system cell infiltration.

OS Homo sapiens.

PN US2003194794-A1.

XX 16-OCT-2003.

XX 17-APR-2002; 2002US-00125805.

XX 31-MAR-1997; 97WO-US005230.  
PR 12-JUN-1998; 98WO-US012456.  
PR 14-JUL-1998; 98WO-US014552.  
PR 28-AUG-1998; 98WO-US017888.  
PR 10-SEP-1998; 98WO-US018824.  
PR 14-SEP-1998; 98WO-US019093.  
PR 14-SEP-1998; 98WO-US019094.  
PR 16-SEP-1998; 98WO-US019177.  
PR 17-SEP-1998; 98WO-US019330.  
PR 07-OCT-1998; 98WO-US021141.  
PR 29-OCT-1998; 98WO-US022991.  
PR 20-NOV-1998; 98WO-US024855.  
PR 01-DEC-1998; 98WO-US025108.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 10-MAR-1999; 2000WO-US006319.  
PR 20-APR-1999; 99WO-US008615.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 01-SEP-1999; 99WO-US020111.  
PR 08-SEP-1999; 99WO-US020594.  
PR 13-SEP-1999; 99WO-US020944.  
PR 15-SEP-1999; 99WO-US021090.  
PR 15-SEP-1999; 99WO-US021547.  
PR 05-OCT-1999; 99WO-US023089.  
PR 30-NOV-1999; 99WO-US028214.  
PR 30-NOV-1999; 99WO-US028313.  
PR 30-NOV-1999; 99WO-US028409.  
PR 01-DEC-1999; 99WO-US028301.  
PR 01-DEC-1999; 99WO-US028634.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028564.



US088583  
 AD88583 standard; protein; 323 AA.  
 AD88583;  
 29-JAN-2004 (first entry)  
 Human PRO polypeptide #136.  
 Human; PRO; secreted polypeptide; transmembrane polypeptide;  
 tumour necrosis factor-alpha; TNF-alpha; chondrocyte cell; tumour;  
 cancer; adrenal; lung; colon; breast; prostate; rectum; kidney; cervix;  
 liver; microvascular endothelial cell; glucose; FFA;  
 skeletal muscle cell; adipocyte cell; pericyte cell;  
 inner ear utricular supporting cell; T-lymphocyte cell;  
 endothelial cell tube formation; bone disorder; cartilage disorder;  
 sports injury; proteoglycan; articular cartilage defect; osteoarthritis;  
 rheumatoid arthritis; haemoglobin-associated disorder thalassemia;  
 immune system cell infiltration.  
 Homo sapiens.  
 US2003199054-A1.  
 23-OCT-2003.  
 12-APR-2002; 2002US-00121054.  
 31-MAR-1997; 97WO-US005230.  
 12-JUN-1998; 98WO-US012456.  
 14-JUL-1998; 98WO-US014552.  
 28-AUG-1998; 98WO-US017888.  
 10-SEP-1998; 98WO-US018824.  
 14-SEP-1998; 98WO-US019093.  
 14-SEP-1998; 98WO-US019094.  
 14-SEP-1998; 98WO-US019177.  
 16-SEP-1998; 98WO-US019330.  
 17-SEP-1998; 98WO-US019437.  
 07-OCT-1998; 98WO-US021141.  
 29-OCT-1998; 98WO-US022991.  
 29-OCT-1998; 98WO-US022992.  
 01-DEC-1998; 98WO-US024855.  
 05-JAN-1999; 99WO-US000106.  
 08-MAR-1999; 99WO-US005028.  
 10-MAR-1999; 99WO-US005190.  
 10-MAR-1999; 2000WO-US006319.  
 20-APR-1999; 99WO-US008615.  
 14-MAY-1999; 99WO-US010733.  
 02-JUN-1999; 99WO-US012252.  
 01-SEP-1999; 99WO-US020111.  
 08-SEP-1999; 99WO-US020594.  
 13-SEP-1999; 99WO-US020944.  
 15-SEP-1999; 99WO-US021090.  
 15-SEP-1999; 99WO-US021547.  
 05-OCT-1999; 99WO-US023089.  
 29-NOV-1999; 99WO-US028214.  
 30-NOV-1999; 99WO-US028313.  
 30-NOV-1999; 99WO-US028409.  
 01-DEC-1999; 99WO-US028301.  
 01-DEC-1999; 99WO-US028634.  
 02-DEC-1999; 99WO-US028551.  
 02-DEC-1999; 99WO-US028564.  
 02-DEC-1999; 99WO-US028565.  
 16-DEC-1999; 99WO-US030095.  
 20-DEC-1999; 99WO-US030911.  
 20-DEC-1999; 99WO-US030999.  
 22-DEC-1999; 99WO-US030720.  
 30-DEC-1999; 99WO-US031243.  
 30-DEC-1999; 99WO-US031274.  
 05-JAN-2000; 2000WO-US000219.  
 06-JAN-2000; 2000WO-US000277.  
 06-JAN-2000; 2000WO-US000376.  
 11-FEB-2000; 2000WO-US003565.  
 18-FEB-2000; 2000WO-US004341.  
 18-FEB-2000; 2000WO-US004342.  
 22-FEB-2000; 2000WO-US004414.  
 24-FEB-2000; 2000WO-US004914.  
 24-FEB-2000; 2000WO-US005004.  
 01-MAR-2000; 2000WO-US005601.  
 02-MAR-2000; 2000WO-US005746.  
 02-MAR-2000; 2000WO-US005841.  
 15-MAR-2000; 2000WO-US006884.  
 20-MAR-2000; 2000WO-US007177.  
 21-MAR-2000; 2000WO-US007532.  
 30-MAR-2000; 2000WO-US008439.  
 17-MAY-2000; 2000WO-US013705.  
 22-MAY-2000; 2000WO-US014042.  
 30-MAY-2000; 2000WO-US014941.  
 02-JUN-2000; 2000WO-US015264.  
 28-JUL-2000; 2000WO-US020710.  
 11-AUG-2000; 2000WO-US022031.  
 23-AUG-2000; 2000WO-US023522.  
 24-AUG-2000; 2000WO-US023328.  
 08-NOV-2000; 2000WO-US030952.  
 10-NOV-2000; 2000WO-US030873.  
 01-DEC-2000; 2000WO-US032678.  
 20-DEC-2000; 2000US-00747259.  
 20-DEC-2000; 2000WO-US034956.  
 28-FEB-2001; 2000US-00796498.  
 28-FEB-2001; 2001WO-US006520.  
 01-MAR-2001; 2001WO-US006666.  
 09-MAR-2001; 2001US-00802706.  
 14-MAR-2001; 2001US-00806889.  
 22-MAR-2001; 2001US-00816744.  
 05-APR-2001; 2001US-00828366.  
 10-MAY-2001; 2001US-00854208.  
 10-MAY-2001; 2001US-00854280.  
 18-MAY-2001; 2001US-00860216.  
 25-MAY-2001; 2001US-00866028.  
 25-MAY-2001; 2001WO-US017092.  
 25-MAY-2001; 2001US-00872035.  
 01-JUN-2001; 2001WO-US017800.  
 05-JUN-2001; 2001US-00874503.  
 14-JUN-2001; 2001US-00882636.  
 19-JUN-2001; 2001US-00886342.  
 20-JUN-2001; 2001WO-US019592.  
 21-JUN-2001; 2001US-00887879.  
 22-JUN-2001; 2001WO-US020116.  
 29-JUN-2001; 2001WO-US021066.  
 09-JUL-2001; 2001WO-US021735.  
 18-JUL-2001; 2001US-00908827.  
 06-AUG-2001; 2001US-00924419.  
 09-AUG-2001; 2001US-00927796.  
 16-AUG-2001; 2001US-00931836.  
 19-DEC-2001; 2001US-00028072.  
 (GETH ) GENENTECH INC.  
 Baker KP, Beresini M, Deforge L, Desnoyers L, Filvaroff E, Gao W;  
 Gerritsen ME, Goddard A, Godowski PJ, Gurney AL, Sherwood S;  
 Smith V, Stewart TA, Tumas D, Watanabe CK, Wood WI, Zhang Z;  
 WPI; 2004-041356/04.  
 N-FSDB; ADE88582.  
 Novel secreted and transmembrane polypeptides, PRO useful for treating  
 bone disorders, arthritis, heart attack, injuries, tumors, and  
 stimulating release of TNF-alpha from human blood.  
 Claim 12; SEQ ID NO 272; 638pp; English.  
 The invention relates to isolated human PRO polypeptides (secreted and  
 transmembrane polypeptides) and the polynucleotides encoding them. The  
 invention also relates to an antibody which specifically binds to a PRO

CC polypeptide, a method for stimulating the release of tumour necrosis  
CC factor-alpha (TNF-alpha) from human blood, a method for stimulating the  
CC proliferation or differentiation of chondrocyte cells and a method for  
CC detecting the presence of a tumour in a mammal (e.g. adrenal, lung,  
CC colon, breast, prostate, rectal, kidney, cervical and liver tumours). The  
CC polynucleotides are useful in molecular biology, including uses as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA and in gene therapy. The polynucleotides may also  
CC be used in preparing PRO polypeptides by recombinant techniques and in  
CC generating either transgenic animals or knock-out animals which are  
CC useful in the development and screening of therapeutically useful  
CC reagents. The PRO polypeptides or antibodies are used in preparing a  
CC medicament for treating a condition responsive to the polypeptides or  
CC antibodies, such as tumours, for stimulating and inhibiting the uptake of  
CC of human microvascular endothelial cells, for modulating the uptake of  
CC glucose or FFA by skeletal muscle cells or adipocyte cells, for  
CC stimulating differentiation of adipocyte cells, for stimulating  
CC proliferation of or gene expression in pericyte cells, for stimulating  
CC the proliferation of inner ear utricular supporting cells or T-lymphocyte  
CC cells, for inducing endothelial cell tube formation and for treating  
CC various bone and/or cartilage disorders such as sports injuries and  
CC arthritis. PRO polypeptides which stimulate the release of proteoglycans  
CC from cartilage are useful for treating sports-related joint problems, PRO  
CC articular cartilage defects, osteoarthritis and rheumatoid arthritis. PRO  
CC polypeptides are also useful for treating various mammalian haemoglobin-  
CC associated disorders such as various thalassemias and conditions which  
CC may benefit from enhanced local immune system cell infiltration. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format from  
CC USPTO at [seqdata.uspto.gov/sequence.html](http://seqdata.uspto.gov/sequence.html).

SQ Sequence 323 AA;

Query Match 100.0%; Score 1694; DB 8; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTQGLPPLLLTALAGSGGTASAEAFDSVIGDTASCHRAQLTYPLHT 60  
DB 1 MAAPKGLWRTQGLPPLLLTALAGSGGTASAEAFDSVIGDTASCHRAQLTYPLHT 60  
QY 61 YPKBEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKBEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPTAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIP 180  
DB 121 LPTAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIP 180  
QY 181 QSKPEIOYAPHLQEPNLRKSSLSKMSYLOKNSOAHNFLEDSGDFLCLSLNSGW 240  
DB 181 QSKPEIOYAPHLQEPNLRKSSLSKMSYLOKNSOAHNFLEDSGDFLCLSLNSGW 240  
QY 241 ILATTLVLSVNVLLWICCATVATAVBQYVPSEKLSIYGDLEFNMKLNRYPASSLVVVR 300  
DB 241 ILATTLVLSVNVLLWICCATVATAVBQYVPSEKLSIYGDLEFNMKLNRYPASSLVVVR 300  
QY 301 SKYEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKYEDHEEAGPLPTKVNLAHSEI 323

RESULT 197

ADE89765

ID ADE89765 standard; protein; 323 AA.

XX AC ADE89765;

XX DT 29-JAN-2004 (first entry)

XX DE Human secreted/transmembrane protein, PRO195.

XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;

KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;

KW auditory; tumour growth; retinal disorder; sports-related joint problem;

KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;

XX wound healing; hearing loss.

OS Homo sapiens.

PN US2003130181-A1.

XX 10-JUL-2003.

PD 16-OCT-2001; 2001US-00978375.

PF 17-OCT-1997; 97US-0062250P.

PR 03-NOV-1997; 97US-0064249P.

PR 13-NOV-1997; 97US-0065311P.

PR 21-NOV-1997; 97US-0066364P.

PR 10-MAR-1998; 98US-0077450P.

PR 11-MAR-1998; 98US-0077632P.

PR 11-MAR-1998; 98US-0077641P.

PR 11-MAR-1998; 98US-0077649P.

PR 12-MAR-1998; 98US-0077791P.

PR 13-MAR-1998; 98US-0078004P.

PR 20-MAR-1998; 98US-0078886P.

PR 20-MAR-1998; 98US-0078910P.

PR 20-MAR-1998; 98US-0078936P.

PR 25-MAR-1998; 98US-0079294P.

PR 26-MAR-1998; 98US-0079656P.

PR 27-MAR-1998; 98US-0079663P.

PR 27-MAR-1998; 98US-0079664P.

PR 27-MAR-1998; 98US-0079689P.

PR 27-MAR-1998; 98US-0079728P.

PR 27-MAR-1998; 98US-0079786P.

PR 30-MAR-1998; 98US-0079920P.

PR 30-MAR-1998; 98US-0079923P.

PR 31-MAR-1998; 98US-0080105P.

PR 31-MAR-1998; 98US-0080107P.

PR 31-MAR-1998; 98US-0080165P.

PR 31-MAR-1998; 98US-0080194P.

PR 01-APR-1998; 98US-0080327P.

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PR 01-APR-1998; 98US-0080333P.

PR 01-APR-1998; 98US-0080344P.

PR 08-APR-1998; 98US-0081049P.

PR 08-APR-1998; 98US-0081070P.

PR 08-APR-1998; 98US-0081071P.

PR 09-APR-1998; 98US-0081195P.

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PR 09-APR-1998; 98US-0081229P.

PR 15-APR-1998; 98US-0081817P.

PR 15-APR-1998; 98US-0081819P.

PR 15-APR-1998; 98US-0081838P.

PR 15-APR-1998; 98US-0081952P.

PR 15-APR-1998; 98US-0081955P.

PR 21-APR-1998; 98US-0082568P.

PR 21-APR-1998; 98US-0082569P.

PR 22-APR-1998; 98US-0082700P.

PR 22-APR-1998; 98US-0082704P.

PR 22-APR-1998; 98US-0082797P.

PR 22-APR-1998; 98US-0082804P.

PR 23-APR-1998; 98US-0082796P.

PR 23-APR-1998; 98US-0083322P.

PR 23-APR-1998; 98US-0083326P.

PR 28-APR-1998; 98US-0083322P.

PR 29-APR-1998; 98US-0083392P.

PR 29-APR-1998; 98US-0083495P.

PR 29-APR-1998; 98US-0083496P.

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PR 29-APR-1998; 98US-0083545P.

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PR 29-APR-1998; 98US-0083558P.

PR 29-APR-1998; 98US-0083559P.



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PR 30-APR-1998; 98US-0083742P.
PR 05-MAY-1998; 98US-0084366P.
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PR 22-MAY-1998; 98US-0086430P.
PR 22-MAY-1998; 98US-0086486P.
PR 28-MAY-1998; 98US-0087098P.
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PR 28-MAY-1998; 98US-0087208P.
PR 26-JUN-1998; 98US-0088043P.
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PR 01-JUL-1998; 98US-0091359P.
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PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0109304P.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113296P.
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PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 12-MAR-1999; 98US-0123957P.
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PR 14-MAY-1999; 99US-0134287P.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 16-JUN-1999; 98US-0139557P.
PR 23-JUN-1999; 99US-0141037P.
PR 07-JUL-1999; 99US-0142680P.
PR 26-JUL-1999; 99US-0145698P.
PR 26-JUL-1999; 99US-0146222P.
PR 28-JUL-1999; 99US-0162506P.
PR 29-OCT-1999; 99US-0162506P.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 30-DEC-1999; 99WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003585.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.

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PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
PA (ASEK/) ASHKENAZI A J.
PA (BAKE/) BAKER K P.
PA (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D I.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRMALDI J C.
PA (GUEN/) GUENEY A L.
PA (HILL/) HILLMAN K J.
PA (KLJA/) KILJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPI/) NAPIER M A.
PA (PANJ/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
XX

```

Query Match 100.0%; Score 1694; DB 8; Length 323;

Best Local Similarity 100.0%; Pred. No. 5.5e-167; Mismatches 0; Indels 0; Gaps 0; Matches 323; Conservative 0;

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QY 1 MAAPKGSLSWVTRTQLGLPPLLLLTWALAGSGTASARAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGSLSWVTRTQLGLPPLLLLTWALAGSGTASARAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDILARTKLCESACTEAYSQSDQVACHLGCQNQ 120
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDILARTKLCESACTEAYSQSDQVACHLGCQNQ 120
QY 121 LPFAELROQLMSLMPKMHLLFPULTVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180
DB 121 LPFAELROQLMSLMPKMHLLFPULTVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180
QY 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLWIMCCATVATAVEQVPSSEKLSIYGDLEFNMEOKLNYPASSLLVVR 300
DB 241 ILTTTLVLSVMVLWIMCCATVATAVEQVPSSEKLSIYGDLEFNMEOKLNYPASSLLVVR 300
QY 301 SKTEDHEBAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEBAGPLPTKVNLAHSEI 323

```

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RESULT 198
AA02282
ID AAY02282 standard; protein; 324 AA.
XX
AC AAY02282;
XX
DT 08-JUL-1999 (first entry)
XX
DE Secreted protein clone bm41_7 polypeptide sequence.
XX
KW Secreted protein; nutritional activity; cytokine; cell proliferation;
KW cell differentiation; vaccine; haematopoiesis regulating activity;
KW tissue growth; activin; inhibin; chemotactic; chemokinetic; haemostatic;
KW thrombolytic; receptor; ligand; anti-inflammatory; cadherin;
KW tumor invasion; tumor inhibition; gene therapy.
XX
OS Homo sapiens.
XX
PN WO918127-A1.
XX
PD 15-APR-1999.
XX
PF 02-OCT-1998; 98WO-US020793.
XX
PR 02-OCT-1997; 97US-00942813.
PR 01-OCT-1998; 98US-00165960.
XX
PA (GENY ) GENETICS INST INC.
XX
PI Jacobs K, McCooy JM, Lavallie ER, Racie LA, Evans C, Merberg D;
PI Treacy M, Agostino MJ, Spaulding V;
XX
XX WPI; 1999-277255/23.
DR N-PSDB; AAX35556.
XX
XX New human polynucleotides encoding secreted proteins useful for gene
XX therapy.
XX
PS Claim 13; Page 76-77; 87pp; English.
XX
CC Polynucleotides AAX3555-62 encode secreted proteins (AAY02281-87). The
CC polynucleotides are obtained from human fetal kidney, human adult muscle,
CC human placenta, murine adult bone marrow, human adult spinal cord and
CC human adult lymph node cDNA libraries. The polynucleotides and proteins
CC are predicted to have biological activities which would make them
CC suitable for treating, preventing or ameliorating medical conditions in
CC humans and animals, although no supporting data is given. Suggested
CC activities include nutritional activity, cytokine and cell
CC proliferation/differentiation activity, immune stimulating (e.g. as
CC vaccines) or suppressing activity, haematopoiesis regulating activity,
CC tissue growth activity, activin/inhibin activity,
CC chemotactic/chemokinetic activity, haemostatic and thrombolytic activity,
CC receptor/ligand activity, anti-inflammatory activity, cadherin/tumor
CC invasion suppressor activity, and tumor inhibition activity. The
CC polynucleotides are also stated to be useful for gene therapy
XX
XX Sequence 324 AA;
XX
Query Match 98.8%; Score 1674.5; DB 2; Length 324;
Best Local Similarity 99.4%; Pred. No. 5.9e-165;
Matches 322; Conservative 0; Mismatches 1; Indels 1; Gaps 1;
QY 1 MAAPKXGLSVWRTQGLGEPPLLLTLMALAGSGGTASAEFDSVLGDTASCHRAQLTPLHT 60
DB 1 MAAPKXGLSVWRTQGLGEPPLLLTLMALAGSGGTASAEFDSVLGDTASCHRAQLTPLHT 60
QY 61 YPKREELVACQRCGLFSTICQVDDGIDNLTKECESACTEAYSQSDROYACHLGCQ 120
DB 61 YPKREELVACQRCGLFSTICQVDDGIDNLTKECESACTEAYSQSDROYACHLGCQ 120
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDSAQSFITSSWTFYLOADDGKIVIF 180

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as nutritional sources or supplements, or for treating e.g. autoimmune diseases, cancers, bone fractures or damages, or central nervous system disorders.

Claim 236; Page 229-230; 288pp; English.

The invention relates to human polynucleotides and the polypeptides they encode. The polynucleotides can be used to express recombinant proteins for analysis, characterisation or therapeutic use, as markers for tissues in which the corresponding protein is expressed, as molecular weight markers on Southern gels, as chromosome markers or tags to identify chromosomes or to map related gene positions, to compare with endogenous DNA sequences in patients to identify potential genetic disorders, as probes to hybridise and discover novel related DNA sequences, as a source of information to derive PCR primers for genetic fingerprinting, to raise anti-protein antibodies and in gene therapy. The proteins can be used to raise antibodies or to elicit another immune response, as reagents in assays designed to quantitatively determine levels of the protein in biological fluids, as markers for tissues in which the corresponding protein is preferentially expressed and to treat autoimmune disorders (e.g. multiple sclerosis, systemic lupus erythematosus, insulin dependent diabetes mellitus or graft-versus-host disease), anaemias, periodontal diseases, bone fractures, cartilage damage, central nervous system disorders (e.g. Alzheimer's disease or Parkinson's disease) and cancers. The proteins and polynucleotides are also useful as nutritional sources or supplements, e.g. as carbon, nitrogen or carbohydrate sources. This sequence represents a human polypeptide of the invention.

Sequence 324 AA;

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Query Match          98.8%; Score 1674.5; DB 7; Length 324;
Best Local Similarity 99.4%; Pred. No. 5.9e-165;
Matches 322; Conservative 0; Mismatches 1; Indels 1; Gaps 1;
1  MAAPKGSLLWVRLTQLGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
1  MAAPKGSLLWVRLTQLGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
61  YKPEELROBQLMSLPKQKHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
121  LPFAELROBQLMSLPKQKHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
121  LPFAELROBQLMSLPKQKHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
181  QSKPEIQVAPHLEQPTNLRSSLSKMSY-LQMRNSQAHNFLEDGSDGFLRCLSLNSG 239
181  QSKPEIQVAPHLEQPTNLRSSLSKMSY-LQMRNSQAHNFLEDGSDGFLRCLSLNSG 240
240  WILTTTLVLSVNVLLWICCATVATAVEQVPSSEKLSIYGDLFFMNEQKLNRYPASSLVVV 299
241  WILTTTLVLSVNVLLWICCATVATAVEQVPSSEKLSIYGDLFFMNEQKLNRYPASSLVVV 300
300  RSKTEDEHREAGPLPTKVNLAHSEI 323
301  RSKTEDEHREAGPLPTKVNLAHSEI 324

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RESULT 200

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ADC37347
ID  ADC37347 standard; protein; 324 AA.
AC  ADC37347;
XX
XX  18-DEC-2003 (first entry)
DT
DE  Nuclear factor kappa B (NF-kappaB) activating protein, SEQ ID 180.
XX
XX  Nuclear factor kappa B; NF-kappaB; inflammation; autoimmune disease;
XX  cancer; infectious disease; bone disease; AIDS;
XX  neurodegenerative disease; ischaemic disorder; Antiinflammatory;
XX  Immunomodulator; Cytostatic; Antimicrobial; Osteopathic; Anti-HIV;

```

KW Neuroprotective; Nootropic; Cardiant; Gene therapy; human.

OS Homo sapiens.

PN WO2003048202-A2.

XX 12-JUN-2003.

PD 03-DEC-2002; 2002WO-JP012644.

XX 03-DEC-2001; 2001JP-00368692.

PR 05-DEC-2001; 2001US-03358292.

PR 03-OCT-2002; 2002JP-00291302.

PR 04-OCT-2002; 2002US-0415769P.

PA (ASAH) ASAH KASEI KK.

PI Matsuda A, Muramatsu S;

DR WPI; 2003-505282/47.

DR N-PSDB; ADC37346.

PT New purified protein that activates nuclear factor kappa B (NF-kappaB),

PT useful for treating inflammation, autoimmune diseases, cancers,

PT infectious diseases, bone diseases, AIDS, neurodegenerative diseases or

PT ischemic disorders.

XX Claim 1; SEQ ID NO 180; 938pp; English.

XX The present invention relates to novel proteins and their coding

CC sequences (ADC37168-ADC37455), which activate nuclear factor kappa B (NF-

CC kappaB). The proteins and their coding sequences are useful for treating

CC a disease associated with NF-kappaB activation, such as inflammation,

CC autoimmune diseases, cancers, infectious diseases, bone diseases, AIDS,

CC neurodegenerative diseases, or ischaemic disorders.

XX Sequence 324 AA;

Query Match 98.8%; Score 1674.5; DB 7; Length 324;

Best Local Similarity 99.4%; Pred. No. 5.9e-165;

Matches 322; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

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1 MAAPKGSLLWVRLTQLGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

61 YKPEELROBQLMSLPKQKHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

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121 LPFAELROBQLMSLPKQKHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

121 LPFAELROBQLMSLPKQKHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

181 QSKPEIQVAPHLEQPTNLRSSLSKMSY-LQMRNSQAHNFLEDGSDGFLRCLSLNSG 239

181 QSKPEIQVAPHLEQPTNLRSSLSKMSY-LQMRNSQAHNFLEDGSDGFLRCLSLNSG 240

240 WILTTTLVLSVNVLLWICCATVATAVEQVPSSEKLSIYGDLFFMNEQKLNRYPASSLVVV 299

241 WILTTTLVLSVNVLLWICCATVATAVEQVPSSEKLSIYGDLFFMNEQKLNRYPASSLVVV 300

300 RSKTEDEHREAGPLPTKVNLAHSEI 323

301 RSKTEDEHREAGPLPTKVNLAHSEI 324

RESULT 201

ADC37343

ID ADC37343 standard; protein; 323 AA.

AC ADC37343;

XX

GenCore version 5.1.6  
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M protein - protein search, using sw model

run on: June 15, 2004, 08:09:23 ; Search time 397 Seconds  
(without alignments)  
229.213 Million cell updates/sec

title: US-09-978-299A-330

effect score: 1694

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searched: 1158786 segs, 281726120 residues

total number of hits satisfying chosen parameters: 533

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Maximum Match 100%

Listing first 65000 summaries

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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1	1694	100.0	323	9	US-09-978-299A-330	Sequence 330, App
2	1694	100.0	323	9	US-09-978-697-330	Sequence 330, App
3	1694	100.0	323	9	US-09-978-192A-330	Sequence 330, App
4	1694	100.0	323	9	US-09-978-189-330	Sequence 330, App
5	1694	100.0	323	10	US-09-978-608A-330	Sequence 330, App
6	1694	100.0	323	10	US-09-978-585A-330	Sequence 330, App
7	1694	100.0	323	10	US-09-978-191A-330	Sequence 330, App
8	1694	100.0	323	10	US-09-978-403A-330	Sequence 330, App
9	1694	100.0	323	10	US-09-978-564A-330	Sequence 330, App
10	1694	100.0	323	10	US-09-978-833A-330	Sequence 330, App
11	1694	100.0	323	10	US-09-978-915A-330	Sequence 330, App
12	1694	100.0	323	10	US-09-978-824-330	Sequence 330, App
13	1694	100.0	323	10	US-09-978-585A-330	Sequence 330, App
14	1694	100.0	323	10	US-09-978-423A-330	Sequence 330, App
15	1694	100.0	323	10	US-09-978-423A-330	Sequence 330, App

16	1694	100.0	323	10	US-09-978-193A-330	Sequence 330, App
17	1694	100.0	323	10	US-09-999-830A-330	Sequence 330, App
18	1694	100.0	323	10	US-09-978-757A-330	Sequence 330, App
19	1694	100.0	323	10	US-09-978-187B-330	Sequence 330, App
20	1694	100.0	323	10	US-09-978-643A-330	Sequence 330, App
21	1694	100.0	323	10	US-09-978-375A-330	Sequence 330, App
22	1694	100.0	323	10	US-09-978-298A-330	Sequence 330, App
23	1694	100.0	323	10	US-09-978-188A-330	Sequence 330, App
24	1694	100.0	323	10	US-09-978-681A-330	Sequence 330, App
25	1694	100.0	323	10	US-09-978-194A-330	Sequence 330, App
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## ALIGNMENTS

## RESULT 1

S-09-978-295A-330

Sequence 330, Application US/09978295A

Patent No. US2002015606A1

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TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PlC11  
CURRENT APPLICATION NUMBER: US/09/978,295A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
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QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDWMSAQSPFTTSWTFLQADGKIVIF 180  
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RESULT 2

US-09-978-697-330  
; Sequence 330, Application US/09978697  
; Patent No. US20020169284A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
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; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC27  
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; PRIOR FILING DATE: 2001-10-16  
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; PRIOR FILING DATE: 2001-07-30  
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; PRIOR FILING DATE: 1997-10-17  
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; PRIOR FILING DATE: 1997-11-21  
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; PRIOR APPLICATION NUMBER: 60/085697

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RESULT 3
US-09-978-192A-330
; Sequence 330, Application US/09978192A
; Patent No. US20020177553A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
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; APPLICANT: Gao, Wei-Qiang
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; APPLICANT: Gerritsen, Mary E.
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; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kiljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC9

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; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
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TITLE OF INVENTION: Acids Encoding the Same  
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PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
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PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
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PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
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PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
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PRIOR APPLICATION NUMBER: 60/080327  
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PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
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PRIOR APPLICATION NUMBER: 60/080334  
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PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-08  
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PRIOR APPLICATION NUMBER: 60/081838  
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PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
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PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
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PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637

PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 9; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKSLWRTQGLPPELLLTALAGSGTASAPDSVLGDTASCHRAQLTYPLHT 60  
b 1 MAAPKSLWRTQGLPPELLLTALAGSGTASAPDSVLGDTASCHRAQLTYPLHT 60  
Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNG 120  
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNG 120  
Y 121 LPFAELRQELSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180  
b 121 LPFAELRQELSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180  
Y 181 QSKPEIQYAPHLRQEPNTLRESSLSKMSYLOMNSQAHNPLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLRQEPNTLRESSLSKMSYLOMNSQAHNPLEDGSDGFLRCLSLNSGW 240  
Y 241 ILTTVLVSMVLLWLTCCATVATAVEQYVPSEKLSIYGDLFPNTEQKLNRYPASSLVVVR 300  
b 241 ILTTVLVSMVLLWLTCCATVATAVEQYVPSEKLSIYGDLFPNTEQKLNRYPASSLVVVR 300  
Y 301 SKTDEHEZAGPLPTKYNLAHSEI 323  
b 301 SKTDEHEZAGPLPTKYNLAHSEI 323

RESULT 5  
S-09-978-189-330  
Sequence 330, Application US/09978189  
Publication No. US20030004102A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Sheiton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC7  
CURRENT APPLICATION NUMBER: US/09/978,189  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
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; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MAAPKGSLSWVTOIGLPPILLITMALAGSGTASAEFSDVLGTASCHRACOLTYPLHT	60
Db	1	MAAPKGSLSWVTOIGLPPILLITMALAGSGTASAEFSDVLGTASCHRACOLTYPLHT	60
Qy	61	YPERELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO	120
Db	61	YPERELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO	120
Qy	121	LPFAELRQELMSAPKMHLLPPLTLVRSFMSDDMSAQSTTSWTYLOADDKIVIF	180
Db	121	LPFAELRQELMSAPKMHLLPPLTLVRSFMSDDMSAQSTTSWTYLOADDKIVIF	180
Qy	181	QSKPEIQYAPHLEQEPNTNRESLSKMSYLOWNSQAHRNFLEDGSDGFLRCLSLNSGW	240
Db	181	QSKPEIQYAPHLEQEPNTNRESLSKMSYLOWNSQAHRNFLEDGSDGFLRCLSLNSGW	240
Qy	241	ILTTTLVLSVMVLLTCCATVATAVEQVVPSPSKLSIYGDLEPMNQKLNRPASSLVVVR	300
Db	241	ILTTTLVLSVMVLLTCCATVATAVEQVVPSPSKLSIYGDLEPMNQKLNRPASSLVVVR	300
Qy	301	SKTEDHEEAGPLPTKVNLAHSEI	323

b 301 SKTEDHEEAGPLFTKYNLAHSEI 323

RESULT 6  
US-09-978-608A-330  
Sequence 330, Application US/09978608A  
Publication No US20030045462A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C22  
CURRENT APPLICATION NUMBER: US/09/978,608A  
CURRENT FILING DATE: 2001-10-16  
NUMBER OF SEQ ID NOS: 624  
Prior Application removed - See File Wrapper or Palm

SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
S-09-978-608A-330

Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;

y 1 MAAPKGLMVRTQLGLPPLLLLTALAGSGGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGLMVRTQLGLPPLLLLTALAGSGGTASABAFDSVLGDTASCHRAQCLTYPLHT 60

y 61 YPKREELYACQRCGLFSCQFVDDGIDILNRKTLKESACTEAYSQSDQYACHLGCCNQ 120  
b 61 YPKREELYACQRCGLFSCQFVDDGIDILNRKTLKESACTEAYSQSDQYACHLGCCNQ 120

y 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWMDSMQSFTTSSWTFYLAQDDGKIYIF 180  
b 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWMDSMQSFTTSSWTFYLAQDDGKIYIF 180

y 181 QSKPEIQYAPHLEQETNLRSSLSKMSYLQNRNSQAHNFLEDGESDGLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLEQETNLRSSLSKMSYLQNRNSQAHNFLEDGESDGLRCLSLNSGW 240

y 241 ILTTTLVLSVMVLLMTCCATVATVEQYVPSKLSIYGDLEPMNEOKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLMTCCATVATVEQYVPSKLSIYGDLEPMNEOKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLFTKYNLAHSEI 323  
Db 301 SKTEDHEEAGPLFTKYNLAHSEI 323

RESULT 7  
US-09-978-585A-330  
Sequence 330, Application US/09978585A  
Publication No. US20030049633A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C15  
CURRENT APPLICATION NUMBER: US/09/978,585A  
CURRENT FILING DATE: 2001-10-16  
NUMBER OF SEQ ID NOS: 624  
Prior Application removed - See File Wrapper or Palm

SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-978-585A-330

Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;

Qy 1 MAAPKGLMVRTQLGLPPLLLLTALAGSGGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGLMVRTQLGLPPLLLLTALAGSGGTASABAFDSVLGDTASCHRAQCLTYPLHT 60

Qy 61 YPKREELYACQRCGLFSCQFVDDGIDILNRKTLKESACTEAYSQSDQYACHLGCCNQ 120  
Db 61 YPKREELYACQRCGLFSCQFVDDGIDILNRKTLKESACTEAYSQSDQYACHLGCCNQ 120

Qy 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWMDSMQSFTTSSWTFYLAQDDGKIYIF 180  
Db 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWMDSMQSFTTSSWTFYLAQDDGKIYIF 180

Qy 181 QSKPEIQYAPHLEQETNLRSSLSKMSYLQNRNSQAHNFLEDGESDGLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQETNLRSSLSKMSYLQNRNSQAHNFLEDGESDGLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLMTCCATVATVEQYVPSKLSIYGDLEPMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMTCCATVATVEQYVPSKLSIYGDLEPMNEOKLNRYPASSLVVVR 300



301 SKTSDHEAGPLTKYNLAHSEI 323  
301 SKTSDHEAGPLTKYNLAHSEI 323

RESULT 8

JS-09-978-191A-330  
Sequence 330, Application US/09978191A  
Publication No. US20030050239A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
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APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same  
FILE REFERENCE: P2630PIC4  
CURRENT APPLICATION NUMBER: US/09/978,191A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
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PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

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QY 301 SKTEHDEEAGPLPTKNLAHSEI 323  
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RESULT 9  
US-09-978-403A-330  
; Sequence 330, Application US/09978403A  
; Publication No. US20030050240A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
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; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C17  
; CURRENT APPLICATION NUMBER: US/09/978, 403A  
; CURRENT FILING DATE: 2002-03-19  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
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## RESULT 10

S-09-978-564A-330

Sequence 330, Application US/09978564A

Publication No. US20030050241A1

## GENERAL INFORMATION:

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APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C25  
CURRENT APPLICATION NUMBER: US/09/978,564A  
CURRENT FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 09/918585  
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PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
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PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13

PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSUWVETQGLPPLLLITWALAGSGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSUWVETQGLPPLLLITWALAGSGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKEELYACQCGCRLFSICQFVDDGIDLARTKLECESACTEAYSQSDEQYACHLGQONQ 120  
DB 61 YPKEELYACQCGCRLFSICQFVDDGIDLARTKLECESACTEAYSQSDEQYACHLGQONQ 120  
QY 121 LPPAELROQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELROQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHELEPTNLRESSLSKMSYLQMRNSQAHRNLFLEDGESDGFRLCISLNSGW 240  
DB 181 QSKPEIQYAPHELEPTNLRESSLSKMSYLQMRNSQAHRNLFLEDGESDGFRLCISLNSGW 240  
QY 241 ILTTLVLSVNVLLMI CCATVATAVEQYVSEKLSIYGDLEFWEQKLNRYPASSLVVVR 300  
DB 241 ILTTLVLSVNVLLMI CCATVATAVEQYVSEKLSIYGDLEFWEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLTKVNLHSEI 323  
DB 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 11  
US-09-998-833A-330  
Sequence 330, Application US/09999833A  
Publication No. US20030054405A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary B.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C65  
CURRENT APPLICATION NUMBER: US/09/999,833A  
CURRENT FILING DATE: 2001-10-24

PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
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PRIOR APPLICATION NUMBER: 60/077450  
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PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598

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; PRIOR FILING DATE: 1998-05-07
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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
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; PRIOR FILING DATE: 1998-05-15
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 1694; DB 10; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPGSLWVLTQGLPPLILLTALAGSGTASAEAFDSVLGTASCHRAQCLTYPLHT 60
DB 1 MAAPGSLWVLTQGLPPLILLTALAGSGTASAEAFDSVLGTASCHRAQCLTYPLHT 60

QY 61 YPKBEELVACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLQCNQ 120
DB 61 YPKBEELVACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLQCNQ 120

QY 121 LPPASLRQQLMSLMPKHLPLTLVTFVSDWMSAQSFITSSFTYLOADDGKLVIF 180
DB 121 LPPASLRQQLMSLMPKHLPLTLVTFVSDWMSAQSFITSSFTYLOADDGKLVIF 180

QY 181 QSKPIQIAPHLEQFETNLRESSLSKMSYLOMNSQAERNFLEDGESDGFILRCLSLNSGW 240
DB 181 QSKPIQIAPHLEQFETNLRESSLSKMSYLOMNSQAERNFLEDGESDGFILRCLSLNSGW 240

QY 241 ILTTVLVLSWVLLWICCATVATAEQVPSKLSIYGDLEFMEQKLNRYPASSLVVVR 300
DB 241 ILTTVLVLSWVLLWICCATVATAEQVPSKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323
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## RESULT 12

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US-09-981-915A-330
; Sequence 330, Application US/09981915A
; Publication No. US20030054986A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
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; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C12
; CURRENT APPLICATION NUMBER: US/09/981,915A
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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; PRIOR APPLICATION NUMBER: 60/065311
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; PRIOR FILING DATE: 1998-03-27
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; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
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PRIOR FILING DATE: 1998-03-31	PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31	PRIOR APPLICATION NUMBER: 60/080165
PRIOR FILING DATE: 1998-03-31	PRIOR APPLICATION NUMBER: 60/080194
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PRIOR FILING DATE: 1998-04-15	PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15	PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21	PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21	PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22	PRIOR APPLICATION NUMBER: 60/082804
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PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083558
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30	PRIOR APPLICATION NUMBER: 60/083559
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083500
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083472
PRIOR FILING DATE: 1998-04-30	PRIOR APPLICATION NUMBER: 60/083559

1 PRIOR APPLICATION NUMBER: 60/084366  
 2 PRIOR FILING DATE: 1998-05-05  
 3 PRIOR APPLICATION NUMBER: 60/084414  
 4 PRIOR FILING DATE: 1998-05-06  
 5 PRIOR APPLICATION NUMBER: 60/084441  
 6 PRIOR FILING DATE: 1998-05-06  
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 8 PRIOR FILING DATE: 1998-05-07  
 9 PRIOR APPLICATION NUMBER: 60/084639  
 10 PRIOR FILING DATE: 1998-05-07  
 11 PRIOR APPLICATION NUMBER: 60/084640  
 12 PRIOR FILING DATE: 1998-05-07  
 13 PRIOR APPLICATION NUMBER: 60/084598  
 14 PRIOR FILING DATE: 1998-05-07  
 15 PRIOR APPLICATION NUMBER: 60/084600  
 16 PRIOR FILING DATE: 1998-05-07  
 17 PRIOR APPLICATION NUMBER: 60/084627  
 18 PRIOR FILING DATE: 1998-05-07  
 19 PRIOR APPLICATION NUMBER: 60/084643  
 20 PRIOR FILING DATE: 1998-05-07  
 21 PRIOR APPLICATION NUMBER: 60/085339  
 22 PRIOR FILING DATE: 1998-05-13  
 23 PRIOR APPLICATION NUMBER: 60/085338  
 24 PRIOR FILING DATE: 1998-05-13  
 25 PRIOR APPLICATION NUMBER: 60/085323  
 26 PRIOR FILING DATE: 1998-05-13  
 27 PRIOR APPLICATION NUMBER: 60/085582  
 28 PRIOR FILING DATE: 1998-05-15  
 29 PRIOR APPLICATION NUMBER: 60/085700  
 30 PRIOR FILING DATE: 1998-05-15  
 31 PRIOR APPLICATION NUMBER: 60/085689  
 32 PRIOR FILING DATE: 1998-05-15  
 33 PRIOR APPLICATION NUMBER: 60/085579  
 34 PRIOR FILING DATE: 1998-05-15  
 35 PRIOR APPLICATION NUMBER: 60/085580  
 36 PRIOR FILING DATE: 1998-05-15  
 37 PRIOR APPLICATION NUMBER: 60/085573  
 38 PRIOR FILING DATE: 1998-05-15  
 39 PRIOR APPLICATION NUMBER: 60/085704  
 40 PRIOR FILING DATE: 1998-05-15  
 41 PRIOR APPLICATION NUMBER: 60/085697

RESULT 13  
US-09-978-824-330



Sequence 330, Application US/09978824  
Publication No. US20030055216A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC14  
CURRENT APPLICATION NUMBER: US/09/978,824  
CURRENT FILING DATE: 2001-10-17  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
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Query Match 100.0%; Score 1694; DB 10; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 181 QSKPEIQVAPHLQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

Db 181 QSKPEIQVAPHLQEPNTNRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 Qy 241 ILTTTLVLSVNVLLIWCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
 Db 241 ILTTTLVLSVNVLLIWCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
 Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 14  
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 ; Sequence 330, Application US/09918585A  
 ; Publication No. US20030060406A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
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 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2630P1C1  
 ; CURRENT APPLICATION NUMBER: US/09/918,585A  
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Query Match 100.0%; Score 1694; DB 10; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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b 61 YPKBEELYACQGRCLFSICQFVDDGIDILNRKLCESACTEAYSQSDQVACHLGCQNQ 120  
y 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITTSWTFYLAQDDGKIYIP 180  
b 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITTSWTFYLAQDDGKIYIP 180  
y 181 QSKPEIOYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
b 181 QSKPEIOYAPHLEQEPNLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
y 241 ILTTVLVSMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYNPASSLVVVR 300  
b 241 ILTTVLVSMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYNPASSLVVVR 300  
y 301 SKTEDEHAGPLPTKYNLAHSEI 323  
b 301 SKTEDEHAGPLPTKYNLAHSEI 323

RESULT 15

S-09-378-423A-330  
Sequence 330, Application US/09978423A  
Publication No. US20030069178A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Saton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Garber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
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APPLICANT: KJjavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
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APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C21  
CURRENT APPLICATION NUMBER: US/09/978,423A  
CURRENT FILING DATE: 2002-05-16  
PRIOR APPLICATION NUMBER: 09/918595  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10

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APPLICANT: Tumas, Daniel  
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APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C21  
CURRENT APPLICATION NUMBER: US/09/978,423A  
CURRENT FILING DATE: 2002-05-16  
PRIOR APPLICATION NUMBER: 09/918595  
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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697  
Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSIAWVETQLGLPPLILLTNALAGGSGTAAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSIAWVETQLGLPPLILLTNALAGGSGTAAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKREELVACORGCRPLPSICQFVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNN 120  
DB 61 YPKREELVACORGCRPLPSICQFVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNN 120  
QY 121 LPFABLRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFABLRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHRNPLEDGBSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHRNPLEDGBSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLTKVNLAHSEI 323  
DB 301 SKTEDHEERAGPLTKVNLAHSEI 323

RESULT 16

US-09-978-193A-330  
;; Sequence 330, Application US/09978193A  
;; Publication No. US200300736241  
;; GENERAL INFORMATION:  
;; APPLICANT: Ashkenazi, Avi  
;; APPLICANT: Baker Kevin P.  
;; APPLICANT: Botstein, David  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Eaton, Dan  
;; APPLICANT: Ferrara, Napoleon  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Kljavin, Ivar J.  
;; APPLICANT: Kuo, Sophia S.  
;; APPLICANT: Napier, Mary A.  
;; APPLICANT: Pan, James;  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Shelton, David L.  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William I.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; FILE OF INVENTION: Acids Encoding the Same  
;; FILE REFERENCE: P2630PIC6  
;; CURRENT APPLICATION NUMBER: US/09/978,193A

1	PRIOR APPLICATION NUMBER: 60/081203	
2	PRIOR FILING DATE: 1998-04-09	
3	PRIOR APPLICATION NUMBER: 60/081229	
4	PRIOR FILING DATE: 1998-04-09	
5	PRIOR APPLICATION NUMBER: 60/081955	
6	PRIOR FILING DATE: 1998-04-15	
7	PRIOR APPLICATION NUMBER: 60/081817	
8	PRIOR FILING DATE: 1998-04-15	
9	PRIOR APPLICATION NUMBER: 60/081819	
10	PRIOR FILING DATE: 1998-04-15	
11	PRIOR APPLICATION NUMBER: 60/081952	
12	PRIOR FILING DATE: 1998-04-15	
13	PRIOR APPLICATION NUMBER: 60/081838	
14	PRIOR FILING DATE: 1998-04-15	
15	PRIOR APPLICATION NUMBER: 60/082568	
16	PRIOR FILING DATE: 1998-04-21	
17	PRIOR APPLICATION NUMBER: 60/082569	
18	PRIOR FILING DATE: 1998-04-21	
19	PRIOR APPLICATION NUMBER: 60/082704	
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22	PRIOR FILING DATE: 1998-04-22	
23	PRIOR APPLICATION NUMBER: 60/082700	
24	PRIOR FILING DATE: 1998-04-22	
25	PRIOR APPLICATION NUMBER: 60/082797	
26	PRIOR FILING DATE: 1998-04-22	
27	PRIOR APPLICATION NUMBER: 60/082796	
28	PRIOR FILING DATE: 1998-04-23	
29	PRIOR APPLICATION NUMBER: 60/083336	
30	PRIOR FILING DATE: 1998-04-27	
31	PRIOR APPLICATION NUMBER: 60/083322	
32	PRIOR FILING DATE: 1998-04-28	
33	PRIOR APPLICATION NUMBER: 60/083392	
34	PRIOR FILING DATE: 1998-04-29	
35	PRIOR APPLICATION NUMBER: 60/083495	
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38	PRIOR FILING DATE: 1998-04-29	
39	PRIOR APPLICATION NUMBER: 60/083499	
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44	PRIOR FILING DATE: 1998-04-29	
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47	PRIOR APPLICATION NUMBER: 60/083559	
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49	PRIOR APPLICATION NUMBER: 60/083500	
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52	PRIOR FILING DATE: 1998-04-30	
53	PRIOR APPLICATION NUMBER: 60/084366	
54	PRIOR FILING DATE: 1998-05-05	
55	PRIOR APPLICATION NUMBER: 60/084414	
56	PRIOR FILING DATE: 1998-05-06	
57	PRIOR APPLICATION NUMBER: 60/084441	
58	PRIOR FILING DATE: 1998-05-06	
59	PRIOR APPLICATION NUMBER: 60/084637	
60	PRIOR FILING DATE: 1998-05-07	
61	PRIOR APPLICATION NUMBER: 60/084639	
62	PRIOR FILING DATE: 1998-05-07	
63	PRIOR APPLICATION NUMBER: 60/084640	
64	PRIOR FILING DATE: 1998-05-07	
65	PRIOR APPLICATION NUMBER: 60/084643	
66	PRIOR FILING DATE: 1998-05-07	
67	PRIOR APPLICATION NUMBER: 60/085339	

PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
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PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;

QY 1 MAAPKGLWRTQGLPPLILITMALAGSGTASAEFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWRTQGLPPLILITMALAGSGTASAEFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEELYACQRCRLFSICQFVDDGIDILNRTKLECEACTEAYSQSDQVACHLGCQ 120  
DB 61 YPKEELYACQRCRLFSICQFVDDGIDILNRTKLECEACTEAYSQSDQVACHLGCQ 120  
QY 121 LPFAELRQSLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQSLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQAPHLEQPTNLRESSLSKMSYLMQNSQAHRNFLEDGESGFLRCLSLNSGW 240  
DB 181 QSKPEIQAPHLEQPTNLRESSLSKMSYLMQNSQAHRNFLEDGESGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSWVLLMTCATVATVEQVPSKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSWVLLMTCATVATVEQVPSKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKYNLAHSBI 323  
DB 301 SKTEDHEEAGPLPTKYNLAHSBI 323

RESULT 17  
US-09-999-830A-330  
Sequence 330, Application US/09999830A  
Publication No. US2003007700A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.

APPLICANT: Kapiar, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C70  
CURRENT APPLICATION NUMBER: US/09/999,830A  
CURRENT FILING DATE: 2001-08-31  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
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PRIOR FILING DATE: 1997-11-13  
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PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
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PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
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PRIOR APPLICATION NUMBER: 60/085323  
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PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWRTQGLPPLILLNLALAGSGGTASAPDSVLGDTASCHACOLTYPLHT 60  
Db 1 MAAPKGLWRTQGLPPLILLNLALAGSGGTASAPDSVLGDTASCHACOLTYPLHT 60  
Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLCQCNQ 120  
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLCQCNQ 120  
Qy 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSDMDSAQSPITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSDMDSAQSPITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQKNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQKNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Qy 241 ILTTLVLSVWLLWICCATVATAVEQYVPSKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTLVLSVWLLWICCATVATAVEQYVPSKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKYEDHEEAGPLFTKVNLAHSEI 323  
Db 301 SKYEDHEEAGPLFTKVNLAHSEI 323

RESULT 18

US-09-978-757A-330  
; Sequence 330, Application US/09978757A  
; Publication No. US20030083248A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan



APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2830PIC26  
CURRENT APPLICATION NUMBER: US/09/978,757A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
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PRIOR APPLICATION NUMBER: 60/082569  
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PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559

PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
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PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
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PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
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PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKGLWVETQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLAT 60  
1 MAAPKGLWVETQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLAT 60  
61 YPKEEELVACORGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLQCNQ 120  
61 YPKEEELVACORGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLQCNQ 120  
121 LPFAELQEQSLMSLMPKMLLPPLTTLVRSFWSDMMDSQAQSFITSSWTFYLQADGKIVIF 180  
121 LPFAELQEQSLMSLMPKMLLPPLTTLVRSFWSDMMDSQAQSFITSSWTFYLQADGKIVIF 180  
181 QSKPEIQVAPHEQPTNLRSSLSKMSYLQMRNSQAHNRLFDGSDGFLRCLSLNSQW 240  
181 QSKPEIQVAPHEQPTNLRSSLSKMSYLQMRNSQAHNRLFDGSDGFLRCLSLNSQW 240  
241 ILTTTLVLSVMVLLWICATVATAVEQYVSEKLSYIGDLFNEQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLWICATVATAVEQYVSEKLSYIGDLFNEQKLNRYPASSLVVVR 300  
301 SKTDEHREAGPLPTKVNLAHSEI 323

DB 301 SKTDEHREAGPLPTKVNLAHSEI 323  
RESULT 19  
US-09-978-187B-330  
Sequence 330, Application US/09978187B  
Publication No. US20030096744A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C5  
CURRENT APPLICATION NUMBER: US/09/978,187B  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
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PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
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PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
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PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656

PRIOR APPLICATION NUMBER:	60/083499
PRIOR FILING DATE:	1998-04-29
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PRIOR FILING DATE:	1998-04-29
PRIOR APPLICATION NUMBER:	60/083742
PRIOR FILING DATE:	1998-04-30
PRIOR APPLICATION NUMBER:	60/084366
PRIOR FILING DATE:	1998-05-05
PRIOR APPLICATION NUMBER:	60/084414
PRIOR FILING DATE:	1998-05-06
PRIOR APPLICATION NUMBER:	60/084441
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PRIOR FILING DATE:	1998-05-07
PRIOR APPLICATION NUMBER:	60/084600
PRIOR FILING DATE:	1998-05-07
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PRIOR APPLICATION NUMBER:	60/085580
PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/085573
PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/085704
PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/085697
PRIOR FILING DATE:	1998-05-15

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

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Matches 323: Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1	MAAPKSLVRYTQGLPPILLITMALAGSGTSANAEAFDSVLGDTASCHRAQQLTYPLET	60
	QY	
1	MAAPKSLVRYTQGLPPILLITMALAGSGTSANAEAFDSVLGDTASCHRAQQLTYPLET	60
	DB	
61	YPKEELIYACQRCGLFSTICQVDDGIDILNITKLECSACTEAYSQSDQYACHGQNG	120
	QY	
61	YPKEELIYACQRCGLFSTICQVDDGIDILNITKLECSACTEAYSQSDQYACHGQNG	120
	DB	
121	LPFAELRQGLMSLAPQWELLPLTLVRSFWSMDMSAQSFITSGSWTYFLQADGKIVIF	180
	QY	

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121 LPPAELRQEQMLSPKRWHLFPPLTLVRSPKSDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 OSKPEIQYAPHLQEPNTLRESSLKMSYLOKNSQAHRNLFLEDGSDGFLRCLSLNSGW 240
181 OSKPEIQYAPHLQEPNTLRESSLKMSYLOKNSQAHRNLFLEDGSDGFLRCLSLNSGW 240
241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLRFNNEOKLNRYPASSLVVVR 300
241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLRFNNEOKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

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## RESULT 20

US-09-978-643A-330  
Sequence 330, Application US/09978643A  
Publication No. US20030104998A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2630P1C16  
CURRENT APPLICATION NUMBER: US/09/978,643A

NUMBER OF SEQ ID NOS: 624  
Prior Application removed - See File Wrapper or Palm

SEQ ID NO 330  
LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

US-09-978-643A-330

Query Match 100.0%; Score 1694; DB 10; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1 MAAPKGSLSVWRTQGLPPLLLTALAGSGTASAEFDSVLGDTASCHRAQCLTYPLHT 60
1 MAAPKGSLSVWRTQGLPPLLLTALAGSGTASAEFDSVLGDTASCHRAQCLTYPLHT 60
61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLCESACTEAYSQSDEQVACHLGCQ 120
61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLCESACTEAYSQSDEQVACHLGCQ 120

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121 LPPAELRQEQMLSPKRWHLFPPLTLVRSPKSDMDSAQSFITSSWTFYLOADDGKIVIF 180
121 LPPAELRQEQMLSPKRWHLFPPLTLVRSPKSDMDSAQSFITSSWTFYLOADDGKIVIF 180
181 OSKPEIQYAPHLQEPNTLRESSLKMSYLOKNSQAHRNLFLEDGSDGFLRCLSLNSGW 240
181 OSKPEIQYAPHLQEPNTLRESSLKMSYLOKNSQAHRNLFLEDGSDGFLRCLSLNSGW 240
241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLRFNNEOKLNRYPASSLVVVR 300
241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLRFNNEOKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKVNLAHSEI 323
301 SKTEDHEEAGPLPTKVNLAHSEI 323

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## RESULT 21

US-09-978-375A-330  
Sequence 330, Application US/09978375A  
Publication No. US20030130181A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2630P1C24  
CURRENT APPLICATION NUMBER: US/09/978,375A

NUMBER OF SEQ ID NOS: 624  
Prior Application removed - See File Wrapper or Palm

SEQ ID NO 330  
LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

US-09-978-375A-330

Query Match 100.0%; Score 1694; DB 10; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1 MAAPKGSLSVWRTQGLPPLLLTALAGSGTASAEFDSVLGDTASCHRAQCLTYPLHT 60
1 MAAPKGSLSVWRTQGLPPLLLTALAGSGTASAEFDSVLGDTASCHRAQCLTYPLHT 60
61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLCESACTEAYSQSDEQVACHLGCQ 120
61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLCESACTEAYSQSDEQVACHLGCQ 120

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QY 121 LPFAELROELMSLAPKXHLFPPLTLVRSTFSDMDGSAQSFITSSWTFYLOADGKIVP 180  
DB 121 LPFAELROELMSLAPKXHLFPPLTLVRSTFSDMDGSAQSFITSSWTFYLOADGKIVP 180  
QY 181 QSKPIQIAPHLEQPTNLRESSLSKMSYLQXRNQSAHRNFLEDESGDFLRCISLNSGW 240  
DB 181 QSKPIQIAPHLEQPTNLRESSLSKMSYLQXRNQSAHRNFLEDESGDFLRCISLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATATAVEQVVPSEKLSIYGDLEFMEQKLNYPASSLWVR 300  
DB 241 ILTTTLVLSVMVLLMICCATATAVEQVVPSEKLSIYGDLEFMEQKLNYPASSLWVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 22

US-09-978-299A-330  
; Sequence 330, Application US/09978298A  
; Publication No. US20030134785A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC2  
; CURRENT APPLICATION NUMBER: US/09/978,298A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11

; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
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; PRIOR FILING DATE: 1998-04-21  
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PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
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PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15

; PRIOR APPLICATION NUMBER: 60/085697  
Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKSLNVRTQGLPPLLLLTWALAGSGGTASAFDVSILGDTASCHRAACOLTYPLHT 60  
DB 1 MAAPKSLNVRTQGLPPLLLLTWALAGSGGTASAFDVSILGDTASCHRAACOLTYPLHT 60  
QY 61 YPKERELVACQRCGLFSLICQFVDDGIDILNRTKLCEESACTRAYSDQYACHLGCQ 120  
DB 61 YPKERELVACQRCGLFSLICQFVDDGIDILNRTKLCEESACTRAYSDQYACHLGCQ 120  
QY 121 LPFAELRQGLMSLMPKQHLPLTLVRSFWSMDMSAGSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQGLMSLMPKQHLPLTLVRSFWSMDMSAGSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQMRNSQAHRNLFEDSGDGLRCLSLNSG 240  
DB 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQMRNSQAHRNLFEDSGDGLRCLSLNSG 240  
QY 241 ILTTTTLVSNVLLWICCATVATVAYQVPSKLSYGLDFNNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTTLVSNVLLWICCATVATVAYQVPSKLSYGLDFNNEOKLNRYPASSLVVVR 300  
QY 301 SKTDEHEEAGPLPTKXNLHSEI 323  
DB 301 SKTDEHEEAGPLPTKXNLHSEI 323  
RESULT 23  
US-09-978-188A-330  
; Sequence 330, Application US/09978188A  
; Publication No. US20030139328A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas P.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C8  
; CURRENT APPLICATION NUMBER: US/09/978,188A  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249

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PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;

Best Local Similarity 100.0%; Pred. NO. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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121 LPFAELRQELMSLMPKHLPLTLVRSFWSMDMSAQSFITSSWTFYLDGDKIVIF 180  
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181 QSKPEIQVAPHELEQPTNLRESLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGM 240  
181 QSKPEIQVAPHELEQPTNLRESLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGM 240  
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301 SKTDEHEAGLPKVLNLSHSEI 323  
301 SKTDEHEAGLPKVLNLSHSEI 323

## RESULT 24

JS-09-978-681A-330

Sequence 330, Application US/09978681A

Publication No. US20030195148A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godwaki, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.

APPLICANT: Tunas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same  
FILE REFERENCE: P2630P1C18  
CURRENT APPLICATION NUMBER: US/09/978, 681A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
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PRIOR FILING DATE: 1998-03-13  
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PRIOR FILING DATE: 1998-04-01  
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; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082797  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082796  
; PRIOR FILING DATE: 1998-04-23  
; PRIOR APPLICATION NUMBER: 60/083336  
; PRIOR FILING DATE: 1998-04-27  
; PRIOR APPLICATION NUMBER: 60/083322  
; PRIOR FILING DATE: 1998-04-28  
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; PRIOR APPLICATION NUMBER: 60/084640  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084598  
; PRIOR FILING DATE: 1998-05-07

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; PRIOR APPLICATION NUMBER: 60/084600  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084627  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084643  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085689  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697  
;  
Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
QY 1 MAAPKGSUWRTQGLPPLLLITWALAGSGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSUWRTQGLPPLLLITWALAGSGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
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Db 61 YPKERELVACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQSLMPLKMHLLPPLTLVSPFSDMDMSAQSFITTSWTYLAQDDGKIYIF 180  
Db 121 LPFAELRQSLMPLKMHLLPPLTLVSPFSDMDMSAQSFITTSWTYLAQDDGKIYIF 180  
QY 181 QSKPFIQYAPHLEQBPNTNLRSSLSKMSYLMQNRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
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QY 241 ILTTTIVLSVWVLLMICCATVATAVEQYVPSKLSIYGDLEFMNEQKLNRYPASSLVYVR 300  
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QY 301 SKTEDEHEAGPLPTKVNLHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLHSEI 323

RESULT 25  
US-09-978-194A-330  
; Sequence 330, Application US/09978194A  
; Publication No. US20030195333A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkerazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C10  
CURRENT APPLICATION NUMBER: US/09/978,194A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
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PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
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PRIOR APPLICATION NUMBER: 60/077632  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080165  
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PRIOR FILING DATE: 1998-03-31  
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PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366

Publication No. US20030195344A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Knapier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic Acids Encoding the Same  
FILE REFERENCE: P2630P1C61  
CURRENT APPLICATION NUMBER: US/09/999,829A  
CURRENT FILING DATE: 2002-03-19  
NUMBER OF SEQ ID NOS: 624  
Prior Application removed - See File Wrapper or Palm  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-09-999-829A-330

Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKSLWRTQLGHPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKSLWRTQLGHPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKSEELYACORGLFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLCQCNQ 120  
DB 61 YPKSEELYACORGLFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLCQCNQ 120  
QY 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIYIF 180  
DB 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIYIF 180  
QY 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWTCATATAVEQYVPSEKLSYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWTCATATAVEQYVPSEKLSYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKYNLAHSEI 323

RESULT 27  
US-09-978-299A-330

Prior Filing Date: 1998-05-05  
Prior Application Number: 60/084414  
Prior Filing Date: 1998-05-06  
Prior Application Number: 60/084441  
Prior Filing Date: 1998-05-06  
Prior Application Number: 60/084637  
Prior Filing Date: 1998-05-07  
Prior Application Number: 60/084639  
Prior Filing Date: 1998-05-07  
Prior Application Number: 60/084640  
Prior Filing Date: 1998-05-07  
Prior Application Number: 60/084598  
Prior Filing Date: 1998-05-07  
Prior Application Number: 60/084600  
Prior Filing Date: 1998-05-07  
Prior Application Number: 60/084627  
Prior Filing Date: 1998-05-07  
Prior Application Number: 60/084643  
Prior Filing Date: 1998-05-07  
Prior Application Number: 60/085339  
Prior Filing Date: 1998-05-13  
Prior Application Number: 60/085338  
Prior Filing Date: 1998-05-13  
Prior Application Number: 60/085323  
Prior Filing Date: 1998-05-13  
Prior Application Number: 60/085582  
Prior Filing Date: 1998-05-15  
Prior Application Number: 60/085700  
Prior Filing Date: 1998-05-15  
Prior Application Number: 60/085689  
Prior Filing Date: 1998-05-15  
Prior Application Number: 60/085579  
Prior Filing Date: 1998-05-15  
Prior Application Number: 60/085580  
Prior Filing Date: 1998-05-15  
Prior Application Number: 60/085573  
Prior Filing Date: 1998-05-15  
Prior Application Number: 60/085704  
Prior Filing Date: 1998-05-15  
Prior Application Number: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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DB 1 MAAPKSLWRTQLGHPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
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DB 61 YPKSEELYACORGLFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLCQCNQ 120  
QY 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIYIF 180  
DB 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIYIF 180  
QY 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOMNSQAHNRFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWTCATATAVEQYVPSEKLSYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWTCATATAVEQYVPSEKLSYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKYNLAHSEI 323

RESULT 26  
US-09-999-829A-330  
Sequence 330, Application US/09999829A

Sequence 330, Application US/09978299A  
Publication No. US20030199435A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Denoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
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APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCES: P2630P1C3  
CURRENT APPLICATION NUMBER: US/09/978,299A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
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PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
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PRIOR APPLICATION NUMBER: 60/083499

1 PRIOR FILING DATE: 1998-04-29  
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9 PRIOR FILING DATE: 1998-04-29  
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11 PRIOR FILING DATE: 1998-04-29  
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17 PRIOR FILING DATE: 1998-05-06  
18 PRIOR APPLICATION NUMBER: 60/084441  
19 PRIOR FILING DATE: 1998-05-06  
20 PRIOR APPLICATION NUMBER: 60/084637  
21 PRIOR FILING DATE: 1998-05-07  
22 PRIOR APPLICATION NUMBER: 60/084639  
23 PRIOR FILING DATE: 1998-05-07  
24 PRIOR APPLICATION NUMBER: 60/084640  
25 PRIOR FILING DATE: 1998-05-07  
26 PRIOR APPLICATION NUMBER: 60/084598  
27 PRIOR FILING DATE: 1998-05-07  
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29 PRIOR FILING DATE: 1998-05-07  
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35 PRIOR FILING DATE: 1998-05-13  
36 PRIOR APPLICATION NUMBER: 60/085338  
37 PRIOR FILING DATE: 1998-05-13  
38 PRIOR APPLICATION NUMBER: 60/085323  
39 PRIOR FILING DATE: 1998-05-13  
40 PRIOR APPLICATION NUMBER: 60/085582  
41 PRIOR FILING DATE: 1998-05-15  
42 PRIOR APPLICATION NUMBER: 60/085700  
43 PRIOR FILING DATE: 1998-05-15  
44 PRIOR APPLICATION NUMBER: 60/085689  
45 PRIOR FILING DATE: 1998-05-15  
46 PRIOR APPLICATION NUMBER: 60/085579  
47 PRIOR FILING DATE: 1998-05-15  
48 PRIOR APPLICATION NUMBER: 60/085580  
49 PRIOR FILING DATE: 1998-05-15  
50 PRIOR APPLICATION NUMBER: 60/085573  
51 PRIOR FILING DATE: 1998-05-15  
52 PRIOR APPLICATION NUMBER: 60/085704  
53 PRIOR FILING DATE: 1998-05-15  
54 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1,4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
QY 1 MAAPKSLWVRTOGLPPLLLTALAGSGTASAPFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKSLWVRTOGLPPLLLTALAGSGTASAPFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPEERLYACQRCRFLSCFQVDDGIDLRNTRKLECSACTRAYSQSDEQVACHLGCQ 120  
DB 61 YPEERLYACQRCRFLSCFQVDDGIDLRNTRKLECSACTRAYSQSDEQVACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKMLHLLPFLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIVIP 180  
DB 121 LPFAELRQELMSLMPKMLHLLPFLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIVIP 180  
QY 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

DB 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATVQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATVQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVR 300  
QY 301 SKTEDHBEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHBEAGPLPTKYNLAHSEI 323

## RESULT 28

US-09-978-544A-330  
; Sequence 330, Application US/09978544A  
; Publication No. US20030199436A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James.  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC13  
; CURRENT APPLICATION NUMBER: US/09/978,544A  
; CURRENT FILING DATE: 2002-03-19  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
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; PRIOR APPLICATION NUMBER: 60/077641  
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1 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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1 MAAKGSLSWRTQGLPPLLLTALAGSGGTASAFDSVLGDTSACRACQTYPLHT 60

Db 1 MAAPKGLSVWRTQGLPPLLLIATWALAGSGGTASAEAFDSVLGOTASCHRAACQUTYPLHT 60  
Qy 61 YPKBELVACQGGCLFSTCQVDPGIDLNRTKLECEACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKBELVACQGGCLFSTCQVDPGIDLNRTKLECEACTEAYSQSDQYACHLGCQ 120  
Qy 121 LPFAELRQBLMSLMPQKHLFPFLVRSFMSMDMSAQSFITTSWTFYQLQADGKIVIF 180  
Db 121 LPFAELRQBLMSLMPQKHLFPFLVRSFMSMDMSAQSFITTSWTFYQLQADGKIVIF 180  
Qy 181 QSKPEIOVAPHLEQPTNLRRESSLKNYSYLQWNSQAHNFTLEDGSDGFLRCLSLNSGN 240  
Db 181 QSKPEIOVAPHLEQPTNLRRESSLKNYSYLQWNSQAHNFTLEDGSDGFLRCLSLNSGN 240  
Qy 241 ILTTVLIVSVWLLMTCATVATAEQVVPSEKLSIYGDLEFMNEQKLNRYVPASSLVVVR 300  
Db 241 ILTTVLIVSVWLLMTCATVATAEQVVPSEKLSIYGDLEFMNEQKLNRYVPASSLVVVR 300  
Qy 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 29

US-09-978-655A-330

; Sequence 330, Application US/09978665A

; Publication NO. US20030199437A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas P.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630P1C19

; CURRENT APPLICATION NUMBER: US/09/978,665A

; PRIOR FILING DATE: 2001-10-16

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

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;; PRIOR FILING DATE: 1998-05-15  
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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 MAAPKGSIAWVFTOLGLPELLILLTALAGSGCTAABAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQCGCLPFCICQFVDDGIDLNKTKLECSACTEAYSQSDQYACHLGQCNQ 120  
DB 61 YPKBEELYACQCGCLPFCICQFVDDGIDLNKTKLECSACTEAYSQSDQYACHLGQCNQ 120  
QY 121 LPPAELROQLMSLMPKXMHLLFPLTLVRSFMSDMDSQAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELROQLMSLMPKXMHLLFPLTLVRSFMSDMDSQAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIOYAPHLEQEPNTLRESSLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIOYAPHLEQEPNTLRESSLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLWICCATVATAVEQVFPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLWICCATVATAVEQVFPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHREAGPLTKVNLHSEI 323  
DB 301 SKTEDEHREAGPLTKVNLHSEI 323

## RESULT 30

US-09-978-802A-330

; Sequence 330, Application US/09978802A

; Publication No. US20030199674A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnovers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gottard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C20

; CURRENT APPLICATION NUMBER: US/09/978,802A



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PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 10; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
b 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
Y 61 YPKEEELIYACQRCGLFSLICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQNO 120  
b 61 YPKEEELIYACQRCGLFSLICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQNO 120  
Y 121 LPFAELRQELMSLMPKHLFPPLTLVRSPWSDMSAQSFITSSWTFYLOADDQKIVIF 180  
b 121 LPFAELRQELMSLMPKHLFPPLTLVRSPWSDMSAQSFITSSWTFYLOADDQKIVIF 180  
Y 181 QSKPEIQYAPHLQEPNTLRESSLKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEPNTLRESSLKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Y 241 ILTTTLVLSVWLLWICCATVATAVQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVWLLWICCATVATAVQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
Y 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

## RESULT 31

US-10-147-493-272

Sequence 272, Application US/10147493

Publication No. US20040029217A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: DeNoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C345  
; CURRENT APPLICATION NUMBER: US/10/147,493  
; CURRENT FILING DATE: 2002-05-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-147-493-272

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEEELIYACQRCGLFSLICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQNO 120  
DB 61 YPKEEELIYACQRCGLFSLICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPFAELRQELMSLMPKHLFPPLTLVRSPWSDMSAQSFITSSWTFYLOADDQKIVIF 180  
DB 121 LPFAELRQELMSLMPKHLFPPLTLVRSPWSDMSAQSFITSSWTFYLOADDQKIVIF 180  
QY 181 QSKPEIQYAPHLQEPNTLRESSLKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQEPNTLRESSLKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWICCATVATAVQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLWICCATVATAVQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKYNLAHSEI 323

## RESULT 32

US-10-164-749A-330

Sequence 330, Application US/10164749A

Publication No. US20040029216A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Deanoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

```

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC60
; CURRENT APPLICATION NUMBER: US/10/164,749A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-749A-330

```

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Query Match      100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLCGQNO 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLCGQNO 120

Qy 121 LPFAELRQELMSLMPKHLIPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKHLIPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240

Qy 241 ILTTTLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEOKLARYPASSLIVYR 300
Db 241 ILTTTLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEOKLARYPASSLIVYR 300

Qy 301 SKTEDEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEEAGPLPTKVNLAHSEI 323

```

```

RESULT 33
US-10-145-127-272
; Sequence 272, Application US/10145127
; Publication No. US20040033558A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang

```

```

; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC252
; CURRENT APPLICATION NUMBER: US/10/145,127
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-127-272

Query Match      100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLCGQNO 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLCGQNO 120

Qy 121 LPFAELRQELMSLMPKHLIPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180
Db 121 LPFAELRQELMSLMPKHLIPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Qy 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240

Qy 241 ILTTTLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEOKLARYPASSLIVYR 300
Db 241 ILTTTLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEOKLARYPASSLIVYR 300

Qy 301 SKTEDEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEEAGPLPTKVNLAHSEI 323

```

```

RESULT 34
US-10-503-272
; Sequence 272, Application US/10160503
; Publication No. US20040033559A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas Daniel
; APPLICANT: Watanabe, Colin K

```

APPLICANT: Wood,William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C446  
CURRENT APPLICATION NUMBER: US/10/160,503  
CURRENT FILING DATE: 2002-05-30  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-160-503-272

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Y 1 MAAPKGSLSWVETQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTLYPLHT 60  
D 1 MAAPKGSLSWVETQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTLYPLHT 60  
Y 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
D 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
Y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
D 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQVAPHELEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
D 181 QSKPEIQVAPHELEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Y 241 ILTTLVLVSVLLWVICCATVATAVEQYVSEKLSIYGDLEFANEOKLNRYPASSLVVVR 300  
D 241 ILTTLVLVSVLLWVICCATVATAVEQYVSEKLSIYGDLEFANEOKLNRYPASSLVVVR 300  
Y 301 SKTEDHEAGPLPTKVNLAHSEI 323  
D 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 35  
US-10-143-118-272  
Sequence 272, Application US/10143118  
Publication No. US20040038335A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Deenoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C228  
CURRENT APPLICATION NUMBER: US/10/143,118  
CURRENT FILING DATE: 2002-05-09  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272

LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-143-118-272  
Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Y 1 MAAPKGSLSWVETQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTLYPLHT 60  
D 1 MAAPKGSLSWVETQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACTLYPLHT 60  
Y 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
D 61 YPKKEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
Y 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
D 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQVAPHELEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
D 181 QSKPEIQVAPHELEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Y 241 ILTTLVLVSVLLWVICCATVATAVEQYVSEKLSIYGDLEFANEOKLNRYPASSLVVVR 300  
D 241 ILTTLVLVSVLLWVICCATVATAVEQYVSEKLSIYGDLEFANEOKLNRYPASSLVVVR 300  
Y 301 SKTEDHEAGPLPTKVNLAHSEI 323  
D 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 36  
US-10-144-993-272  
Sequence 272, Application US/10144993  
Publication No. US20040038336A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Deenoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C261  
CURRENT APPLICATION NUMBER: US/10/144,993  
CURRENT FILING DATE: 2002-05-13  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-144-993-272

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPIHT 60  
DB 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPIHT 60  
QY 61 YKKEELVACQCGCLFSICQFVDDGIDLNRKLECEACTEAYSQSDQVACHLGCQNO 120  
DB 61 YKKEELVACQCGCLFSICQFVDDGIDLNRKLECEACTEAYSQSDQVACHLGCQNO 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQNRNSQAHNFLEDSGDFLRLCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQNRNSQAHNFLEDSGDFLRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEERAGPLPTKVNLAHSEI 323

## RESULT 37

US-10-158-787-272  
; Sequence 272, Application US/10158787  
; Publication No. US20040039164A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C449  
; CURRENT APPLICATION NUMBER: US/10/158,787  
; CURRENT FILING DATE: 2003-04-03  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-158-787-272  
Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPIHT 60  
DB 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPIHT 60  
QY 61 YKKEELVACQCGCLFSICQFVDDGIDLNRKLECEACTEAYSQSDQVACHLGCQNO 120  
DB 61 YKKEELVACQCGCLFSICQFVDDGIDLNRKLECEACTEAYSQSDQVACHLGCQNO 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQNRNSQAHNFLEDSGDFLRLCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQNRNSQAHNFLEDSGDFLRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEERAGPLPTKVNLAHSEI 323

## RESULT 38

US-10-081-056-8  
; Sequence 8, Application US/10081056  
; Publication No. US20040043927A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Marsters, Scot A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Ye, Weilan  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS  
; FILE REFERENCE: P3235PLC1  
; CURRENT APPLICATION NUMBER: US/10/081,056  
; CURRENT FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: PCT/US01/21735  
; PRIOR FILING DATE: 2001-07-09  
; PRIOR APPLICATION NUMBER: US 60/219,556  
; PRIOR FILING DATE: 2000-07-20  
; PRIOR APPLICATION NUMBER: US 60/220,624  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: US 60/220,664  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: PCT/US00/20710  
; PRIOR FILING DATE: 2000-07-28  
; PRIOR APPLICATION NUMBER: US 60/222,695

PRIOR FILING DATE: 2000-08-02  
 PRIOR APPLICATION NUMBER: US 09/643,657  
 PRIOR FILING DATE: 2000-08-17  
 PRIOR APPLICATION NUMBER: PCT/US00/23522  
 PRIOR FILING DATE: 2000-08-23  
 PRIOR APPLICATION NUMBER: PCT/US00/23328  
 PRIOR FILING DATE: 2000-08-24  
 PRIOR APPLICATION NUMBER: US 60/230,978  
 PRIOR FILING DATE: 2000-09-07  
 PRIOR APPLICATION NUMBER: US 60/000,000  
 PRIOR FILING DATE: 2000-09-15  
 PRIOR APPLICATION NUMBER: US 09/664,610  
 PRIOR FILING DATE: 2000-09-18  
 PRIOR APPLICATION NUMBER: US 09/665,350  
 PRIOR FILING DATE: 2000-09-18  
 PRIOR APPLICATION NUMBER: US 60/242,922  
 PRIOR FILING DATE: 2000-10-24  
 PRIOR APPLICATION NUMBER: US 09/709,238  
 PRIOR FILING DATE: 2000-11-08  
 PRIOR APPLICATION NUMBER: PCT/US00/30952  
 PRIOR FILING DATE: 2000-11-08  
 PRIOR APPLICATION NUMBER: PCT/US00/30873  
 PRIOR FILING DATE: 2000-11-10  
 PRIOR APPLICATION NUMBER: PCT/US00/32578  
 PRIOR FILING DATE: 2000-12-01  
 PRIOR APPLICATION NUMBER: US 09/747,259  
 PRIOR FILING DATE: 2000-12-20  
 PRIOR APPLICATION NUMBER: PCT/US00/34956  
 PRIOR FILING DATE: 2000-12-20  
 PRIOR APPLICATION NUMBER: US 09/767,609  
 PRIOR FILING DATE: 2001-01-22  
 PRIOR APPLICATION NUMBER: US 09/796,498  
 PRIOR FILING DATE: 2001-02-28  
 PRIOR APPLICATION NUMBER: PCT/US01/06520  
 PRIOR FILING DATE: 2001-02-28  
 PRIOR APPLICATION NUMBER: PCT/US01/06666  
 PRIOR FILING DATE: 2001-03-01  
 PRIOR APPLICATION NUMBER: US 09/802,706  
 PRIOR FILING DATE: 2001-03-09  
 PRIOR APPLICATION NUMBER: US 09/808,689  
 PRIOR FILING DATE: 2001-03-14  
 PRIOR APPLICATION NUMBER: US 09/816,744  
 PRIOR FILING DATE: 2001-03-22  
 PRIOR APPLICATION NUMBER: US 09/828,366  
 PRIOR FILING DATE: 2001-04-05  
 PRIOR APPLICATION NUMBER: US 09/854,208  
 PRIOR FILING DATE: 2001-05-10  
 PRIOR APPLICATION NUMBER: US 09/854,280  
 PRIOR FILING DATE: 2001-05-10  
 PRIOR APPLICATION NUMBER: US 09/866,028  
 PRIOR FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 09/866,034  
 PRIOR FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: PCT/US01/17092  
 PRIOR FILING DATE: 2001-05-25  
 PRIOR APPLICATION NUMBER: US 09/870,574  
 PRIOR FILING DATE: 2001-05-30  
 PRIOR APPLICATION NUMBER: PCT/US01/17443  
 PRIOR FILING DATE: 2001-05-30  
 PRIOR APPLICATION NUMBER: PCT/US01/17800  
 PRIOR FILING DATE: 2001-06-01  
 PRIOR APPLICATION NUMBER: PCT/US01/19492  
 PRIOR FILING DATE: 2001-06-20  
 PRIOR APPLICATION NUMBER: PCT/US01/00000  
 PRIOR FILING DATE: 2001-06-28  
 NUMBER OF SEQ ID NOS: 383  
 SEQ ID NO 8  
 LENGTH: 323  
 TYPE: PRT  
 ORGANISM: Homosapiens  
 US-10-081-056-8

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKGSIMVTRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
 DB 1 MAAPKGSIMVTRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
 QY 61 YPKREELYACQRCGLPFSICQFVDDGDIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 DB 61 YPKREELYACQRCGLPFSICQFVDDGDIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 QY 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 DB 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 QY 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQMRNSQARRNFLEDGSDGFLRCLSLNSGW 240  
 DB 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQMRNSQARRNFLEDGSDGFLRCLSLNSGW 240  
 QY 241 ILTTTLVSLVMVLLWICCATVATAVEQYVFPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
 DB 241 ILTTTLVSLVMVLLWICCATVATAVEQYVFPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
 QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 39

US-09-999-831A-330  
 ; Sequence 330, Application US/09999831A  
 ; Publication No. US20040048332A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Deanoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Shelton, David L.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P26301C68  
 ; CURRENT APPLICATION NUMBER: US/09/999,831A  
 ; CURRENT FILING DATE: 2002-03-25  
 ; NUMBER OF SEQ ID NOS: 624  
 ; Prior Application removed - See File Wrapper or Palm  
 ; SEQ ID NO 330  
 ; LENGTH: 323  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-999-831A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSLSWRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKBELYACQRCGLFSCQFVDDGIDLNTKLECSACTEAYSQSDQYACHGCONQ 120  
DB 61 YPKBELYACQRCGLFSCQFVDDGIDLNTKLECSACTEAYSQSDQYACHGCONQ 120

QY 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFSDMDSAQSFISSWTFYLOADDGKIIVF 180  
DB 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFSDMDSAQSFISSWTFYLOADDGKIIVF 180

QY 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQVRNSQAHNFLEDESDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQVRNSQAHNFLEDESDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 40

US-10-140-024-272  
; Sequence 272, Application US/10140024  
; Publication No. US20040058424A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC69  
; CURRENT APPLICATION NUMBER: US/10/140,024  
; CURRENT FILING DATE: 2002-05-06  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-140-024-272

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSLSWRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKBELYACQRCGLFSCQFVDDGIDLNTKLECSACTEAYSQSDQYACHGCONQ 120

DB 61 YPKBELYACQRCGLFSCQFVDDGIDLNTKLECSACTEAYSQSDQYACHGCONQ 120

QY 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFSDMDSAQSFISSWTFYLOADDGKIIVF 180  
DB 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFSDMDSAQSFISSWTFYLOADDGKIIVF 180

QY 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQVRNSQAHNFLEDESDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLQVRNSQAHNFLEDESDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 41

US-10-013-917A-330  
; Sequence 330, Application US/10013917A  
; Publication No. US20040063921A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas P.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC82  
; CURRENT APPLICATION NUMBER: US/10/013,917A  
; CURRENT FILING DATE: 2001-10-25  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 330  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-013-917A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSLSWRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKEEELACQRCRLFSICQVDDGIDINRTKLCEESACTEAYSQSDROYACHLGCCNQ 120  
61 YPKEEELACQRCRLFSICQVDDGIDINRTKLCEESACTEAYSQSDROYACHLGCCNQ 120  
121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
181 QSKPEIQAYAPHLBOETNLRESLSKMSYLOQRNSQAHNFLEDGESDGLFRLCLSLNSGW 240  
181 QSKPEIQAYAPHLBOETNLRESLSKMSYLOQRNSQAHNFLEDGESDGLFRLCLSLNSGW 240  
241 ILTTTLVLSVMVLLMCCATATAVAEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLMCCATATAVAEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLTKVNLAHSEI 323  
301 SKTEDHEEAGPLTKVNLAHSEI 323

RESULT 42  
S-10-140-808-272  
Sequence 272, Application US/10140808  
Publication No. US20030017563A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DePorge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: F330R1C182  
CURRENT APPLICATION NUMBER: US/10/140,808  
CURRENT FILING DATE: 2002-05-07  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
IS-10-140-808-272

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
1 MAAPKGSLSWRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
61 YPKEEELACQRCRLFSICQVDDGIDINRTKLCEESACTEAYSQSDROYACHLGCCNQ 120  
61 YPKEEELACQRCRLFSICQVDDGIDINRTKLCEESACTEAYSQSDROYACHLGCCNQ 120  
121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
181 QSKPEIQAYAPHLBOETNLRESLSKMSYLOQRNSQAHNFLEDGESDGLFRLCLSLNSGW 240

181 QSKPEIQAYAPHLBOETNLRESLSKMSYLOQRNSQAHNFLEDGESDGLFRLCLSLNSGW 240  
241 ILTTTLVLSVMVLLMCCATATAVAEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLMCCATATAVAEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLTKVNLAHSEI 323  
301 SKTEDHEEAGPLTKVNLAHSEI 323

RESULT 43  
US-09-999-834A-330  
Sequence 330, Application US/09999834A  
Publication No. US20030064407A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavini, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P2630P1C75  
CURRENT APPLICATION NUMBER: US/09/999,834A  
CURRENT FILING DATE: 2001-10-24  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20



1 PRIOR APPLICATION NUMBER: 60/078936  
2 PRIOR FILING DATE: 1998-03-20  
3 PRIOR APPLICATION NUMBER: 60/078910  
4 PRIOR FILING DATE: 1998-03-20  
5 PRIOR APPLICATION NUMBER: 60/078939  
6 PRIOR FILING DATE: 1998-03-20  
7 PRIOR APPLICATION NUMBER: 60/079294  
8 PRIOR FILING DATE: 1998-03-25  
9 PRIOR APPLICATION NUMBER: 60/079656  
10 PRIOR FILING DATE: 1998-03-26  
11 PRIOR APPLICATION NUMBER: 60/079664  
12 PRIOR FILING DATE: 1998-03-27  
13 PRIOR APPLICATION NUMBER: 60/079689  
14 PRIOR FILING DATE: 1998-03-27  
15 PRIOR APPLICATION NUMBER: 60/079663  
16 PRIOR FILING DATE: 1998-03-27  
17 PRIOR APPLICATION NUMBER: 60/079728  
18 PRIOR FILING DATE: 1998-03-27  
19 PRIOR APPLICATION NUMBER: 60/079786  
20 PRIOR FILING DATE: 1998-03-27  
21 PRIOR APPLICATION NUMBER: 60/079920  
22 PRIOR FILING DATE: 1998-03-30  
23 PRIOR APPLICATION NUMBER: 60/079923  
24 PRIOR FILING DATE: 1998-03-30  
25 PRIOR APPLICATION NUMBER: 60/080105  
26 PRIOR FILING DATE: 1998-03-31  
27 PRIOR APPLICATION NUMBER: 60/080107  
28 PRIOR FILING DATE: 1998-03-31  
29 PRIOR APPLICATION NUMBER: 60/080165  
30 PRIOR FILING DATE: 1998-03-31  
31 PRIOR APPLICATION NUMBER: 60/080194  
32 PRIOR FILING DATE: 1998-03-31  
33 PRIOR APPLICATION NUMBER: 60/080327  
34 PRIOR FILING DATE: 1998-04-01  
35 PRIOR APPLICATION NUMBER: 60/080328  
36 PRIOR FILING DATE: 1998-04-01  
37 PRIOR APPLICATION NUMBER: 60/080333  
38 PRIOR FILING DATE: 1998-04-01  
39 PRIOR APPLICATION NUMBER: 60/080334  
40 PRIOR FILING DATE: 1998-04-01  
41 PRIOR APPLICATION NUMBER: 60/081070  
42 PRIOR FILING DATE: 1998-04-08  
43 PRIOR APPLICATION NUMBER: 60/081049  
44 PRIOR FILING DATE: 1998-04-08  
45 PRIOR APPLICATION NUMBER: 60/081071  
46 PRIOR FILING DATE: 1998-04-08  
47 PRIOR APPLICATION NUMBER: 60/081195  
48 PRIOR FILING DATE: 1998-04-08  
49 PRIOR APPLICATION NUMBER: 60/081203  
50 PRIOR FILING DATE: 1998-04-09  
51 PRIOR APPLICATION NUMBER: 60/081229  
52 PRIOR FILING DATE: 1998-04-09  
53 PRIOR APPLICATION NUMBER: 60/081955  
54 PRIOR FILING DATE: 1998-04-15  
55 PRIOR APPLICATION NUMBER: 60/081817  
56 PRIOR FILING DATE: 1998-04-15  
57 PRIOR APPLICATION NUMBER: 60/081819  
58 PRIOR FILING DATE: 1998-04-15  
59 PRIOR APPLICATION NUMBER: 60/081952  
60 PRIOR FILING DATE: 1998-04-15  
61 PRIOR APPLICATION NUMBER: 60/081838  
62 PRIOR FILING DATE: 1998-04-15  
63 PRIOR APPLICATION NUMBER: 60/082568  
64 PRIOR FILING DATE: 1998-04-21  
65 PRIOR APPLICATION NUMBER: 60/082569  
66 PRIOR FILING DATE: 1998-04-21  
67 PRIOR APPLICATION NUMBER: 60/082704  
68 PRIOR FILING DATE: 1998-04-22  
69 PRIOR APPLICATION NUMBER: 60/082804  
70 PRIOR FILING DATE: 1998-04-22  
71 PRIOR APPLICATION NUMBER: 60/082700  
72 PRIOR FILING DATE: 1998-04-22  
73 PRIOR APPLICATION NUMBER: 60/082797

74 PRIOR FILING DATE: 1998-04-22  
75 PRIOR APPLICATION NUMBER: 60/082796  
76 PRIOR FILING DATE: 1998-04-23  
77 PRIOR APPLICATION NUMBER: 60/083336  
78 PRIOR FILING DATE: 1998-04-27  
79 PRIOR APPLICATION NUMBER: 60/083322  
80 PRIOR FILING DATE: 1998-04-28  
81 PRIOR APPLICATION NUMBER: 60/083392  
82 PRIOR FILING DATE: 1998-04-29  
83 PRIOR APPLICATION NUMBER: 60/083495  
84 PRIOR FILING DATE: 1998-04-29  
85 PRIOR APPLICATION NUMBER: 60/083496  
86 PRIOR FILING DATE: 1998-04-29  
87 PRIOR APPLICATION NUMBER: 60/083499  
88 PRIOR FILING DATE: 1998-04-29  
89 PRIOR APPLICATION NUMBER: 60/083545  
90 PRIOR FILING DATE: 1998-04-29  
91 PRIOR APPLICATION NUMBER: 60/083554  
92 PRIOR FILING DATE: 1998-04-29  
93 PRIOR APPLICATION NUMBER: 60/083558  
94 PRIOR FILING DATE: 1998-04-29  
95 PRIOR APPLICATION NUMBER: 60/083559  
96 PRIOR FILING DATE: 1998-04-29  
97 PRIOR APPLICATION NUMBER: 60/083500  
98 PRIOR FILING DATE: 1998-04-29  
99 PRIOR APPLICATION NUMBER: 60/083742  
100 PRIOR FILING DATE: 1998-04-30  
101 PRIOR APPLICATION NUMBER: 60/084366  
102 PRIOR FILING DATE: 1998-05-05  
103 PRIOR APPLICATION NUMBER: 60/084414  
104 PRIOR FILING DATE: 1998-05-06  
105 PRIOR APPLICATION NUMBER: 60/084441  
106 PRIOR FILING DATE: 1998-05-06  
107 PRIOR APPLICATION NUMBER: 60/084637  
108 PRIOR FILING DATE: 1998-05-07  
109 PRIOR APPLICATION NUMBER: 60/084639  
110 PRIOR FILING DATE: 1998-05-07  
111 PRIOR APPLICATION NUMBER: 60/084640  
112 PRIOR FILING DATE: 1998-05-07  
113 PRIOR APPLICATION NUMBER: 60/084598  
114 PRIOR FILING DATE: 1998-05-07  
115 PRIOR APPLICATION NUMBER: 60/084600  
116 PRIOR FILING DATE: 1998-05-07  
117 PRIOR APPLICATION NUMBER: 60/084627  
118 PRIOR FILING DATE: 1998-05-07  
119 PRIOR APPLICATION NUMBER: 60/084643  
120 PRIOR FILING DATE: 1998-05-07  
121 PRIOR APPLICATION NUMBER: 60/085339  
122 PRIOR FILING DATE: 1998-05-13  
123 PRIOR APPLICATION NUMBER: 60/085338  
124 PRIOR FILING DATE: 1998-05-13  
125 PRIOR APPLICATION NUMBER: 60/085323  
126 PRIOR FILING DATE: 1998-05-13  
127 PRIOR APPLICATION NUMBER: 60/085582  
128 PRIOR FILING DATE: 1998-05-15  
129 PRIOR APPLICATION NUMBER: 60/085700  
130 PRIOR FILING DATE: 1998-05-15  
131 PRIOR APPLICATION NUMBER: 60/085689  
132 PRIOR FILING DATE: 1998-05-15  
133 PRIOR APPLICATION NUMBER: 60/085579  
134 PRIOR FILING DATE: 1998-05-15  
135 PRIOR APPLICATION NUMBER: 60/085580  
136 PRIOR FILING DATE: 1998-05-15  
137 PRIOR APPLICATION NUMBER: 60/085573  
138 PRIOR FILING DATE: 1998-05-15  
139 PRIOR APPLICATION NUMBER: 60/085704  
140 PRIOR FILING DATE: 1998-05-15  
141 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKSLWRTQGLPPELLLTWLAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
1 MAAPKSLWRTQGLPPELLLTWLAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNO 120  
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNO 120  
121 LPFAELRQELMSLMPKHLLFPLTLVRSPWSDMDSQSFITSSWTFYLDQDDKIVIF 180  
121 LPFAELRQELMSLMPKHLLFPLTLVRSPWSDMDSQSFITSSWTFYLDQDDKIVIF 180  
181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLQMNQSAHRNFLDGEDSGDFLRLCLSLNSGW 240  
181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLQMNQSAHRNFLDGEDSGDFLRLCLSLNSGW 240  
241 ILTTLVLSVMVLLWICCATVAVQYVPSEKLSYGDLEFNMNQKLNRYPASSLWVVR 300  
241 ILTTLVLSVMVLLWICCATVAVQYVPSEKLSYGDLEFNMNQKLNRYPASSLWVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 44  
US-10-152-405-272  
Sequence 272, Application US/10152405  
Publication No. US20030211571A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C383  
CURRENT FILING DATE: 2002-05-20  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-152-405-272

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKSLWRTQGLPPELLLTWLAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
1 MAAPKSLWRTQGLPPELLLTWLAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNO 120  
61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNO 120  
121 LPFAELRQELMSLMPKHLLFPLTLVRSPWSDMDSQSFITSSWTFYLDQDDKIVIF 180

Db 121 LPFAELRQELMSLMPKHLLFPLTLVRSPWSDMDSQSFITSSWTFYLDQDDKIVIF 180  
QY 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLQMNQSAHRNFLDGEDSGDFLRLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLQMNQSAHRNFLDGEDSGDFLRLCLSLNSGW 240  
QY 241 ILTTLVLSVMVLLWICCATVAVQYVPSEKLSYGDLEFNMNQKLNRYPASSLWVVR 300  
Db 241 ILTTLVLSVMVLLWICCATVAVQYVPSEKLSYGDLEFNMNQKLNRYPASSLWVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 45  
US-10-162-521A-330  
Sequence 330, Application US/10162521A  
Publication No. US20030211092A1  
GENERAL INFORMATION:  
APPLICANT: Aebkenazi, Avi  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C55  
CURRENT FILING DATE: 2002-11-29  
CURRENT APPLICATION NUMBER: US/10/162,521A  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 330  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
JS-10-162-521A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60  
QY 61 YKBEELVACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YKBEELVACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPFABLRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
DB 121 LPFABLRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
DB 181 QSKPEIQAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTDEHESAGPLPTKVNLAHSEI 323  
DB 301 SKTDEHESAGPLPTKVNLAHSEI 323

RESULT 46

US-10-127-852A-272  
; Sequence 272, Application US/10127852A  
; Publication No. US20030203428A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C88  
; CURRENT APPLICATION NUMBER: US/10/127,852A  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122

; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-127-852A-272

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60  
QY 61 YKBEELVACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YKBEELVACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPFABLRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
DB 121 LPFABLRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
DB 181 QSKPEIQAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTDEHESAGPLPTKVNLAHSEI 323  
DB 301 SKTDEHESAGPLPTKVNLAHSEI 323

RESULT 47

US-10-127-900A-272  
; Sequence 272, Application US/10127900A  
; Publication No. US20030203429A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C81

CURRENT APPLICATION NUMBER: US/10/127,900A

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-127-900A-272

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLWRTQLGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60

b 1 MAAPKGLWRTQLGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60

Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHGCONQ 120

b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHGCONQ 120

Y 121 LPFAELRQELMSLMPKHLFPPLTLVRGFWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

b 121 LPFAELRQELMSLMPKHLFPPLTLVRGFWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLQMSQAHNFLEDGESDGFRLCLSLNSGW 240

b 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLQMSQAHNFLEDGESDGFRLCLSLNSGW 240

Y 241 ILTTTLVLSVNLWLTCCATVAVQYVPSEKLSIYGDLFNMNEOKLNRYPASSLWVR 300

b 241 ILTTTLVLSVNLWLTCCATVAVQYVPSEKLSIYGDLFNMNEOKLNRYPASSLWVR 300

Y 301 SKTEDHEEAGPLTKVNLHSEI 323

b 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 48

US-10-128-685A-272

Sequence 272, Application US/10128685A

Publication No. US20030203430A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvarcoff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C16

CURRENT APPLICATION NUMBER: US/10/128,685A

CURRENT FILING DATE: 2002-04-23

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-128-685A-272

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWRTQLGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60

Db 1 MAAPKGLWRTQLGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60

Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHGCONQ 120

Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHGCONQ 120

Qy 121 LPFAELRQELMSLMPKHLFPPLTLVRGFWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQELMSLMPKHLFPPLTLVRGFWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLQMSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLQMSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVNLWLTCCATVAVQYVPSEKLSIYGDLFNMNEOKLNRYPASSLWVR 300

Db 241 ILTTTLVLSVNLWLTCCATVAVQYVPSEKLSIYGDLFNMNEOKLNRYPASSLWVR 300

Qy 301 SKTEDHEEAGPLTKVNLHSEI 323

Db 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 49

US-10-131-820A-272

Sequence 272, Application US/10131820A

Publication No. US20030203431A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C14

CURRENT APPLICATION NUMBER: US/10/131,820A

CURRENT FILING DATE: 2002-10-17

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-131-820A-272

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120

61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDCKIVIF 180

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDCKIVIF 180

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

301 SKTEDHEEAGPLPTKYNLAHSEI 323

301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 51

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120

61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120

Db 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 50

US-10-142-886-272

Sequence 272, Application US/10142886

Publication No. US20030203432A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C236

CURRENT APPLICATION NUMBER: US/10/142,886

CURRENT FILING DATE: 2002-05-10

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-142-886-272

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120

61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDCKIVIF 180

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDCKIVIF 180

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

301 SKTEDHEEAGPLPTKYNLAHSEI 323

301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 51

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120

61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDCKIVIF 180

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDCKIVIF 180

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

301 SKTEDHEEAGPLPTKYNLAHSEI 323

301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 51

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120

61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQNO 120

JS-10-145-016A-330  
; Sequence 330, Application US/10145016A  
; Publication No. US20030203433A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC52  
; CURRENT APPLICATION NUMBER: US/10/145,016A  
; CURRENT FILING DATE: 2001-10-18  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-12  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 330  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-145-016A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 WAAPKGSUWVLTQGLPILLITLWALAGSGTASABAPDSVLGDTASCHACOLTYPLHT 60

DB 1 WAAPKGSUWVLTQGLPILLITLWALAGSGTASABAPDSVLGDTASCHACOLTYPLHT 60

QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNQ 120

DB 61 YPKKEELYACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPFAELROQLMSLAPKXHLFPFLTLVRSFMSDMDSAQSPITSSWTFFYLOADDKIVIF 180  
DB 121 LPFAELROQLMSLAPKXHLFPFLTLVRSFMSDMDSAQSPITSSWTFFYLOADDKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNPFLEDCSGDGFRLCISLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHNPFLEDCSGDGFRLCISLNSGW 240  
QY 241 ILTTLVLVSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTLVLVSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTDEHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTDEHEEAGPLPTKVNLAHSEI 323

## RESULT 52

US-10-145-088A-330  
; Sequence 330, Application US/10145088A  
; Publication No. US20030203434A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC49  
; CURRENT APPLICATION NUMBER: US/10/145,088A  
; CURRENT FILING DATE: 2002-10-10  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11

```
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRY
; ORGANISM: Homo sapiens
US-10-145-088A-330

Query Match      100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120
DB 61 YPKEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELROQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180
DB 121 LPFAELROQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180
QY 181 QSKPEIQYAPHLEQBPNTLNRESLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQBPNTLNRESLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVPSSEKLSIYGDLSFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLMCCATVATAVEQVPSSEKLSIYGDLSFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 53
US-10-145-092A-330
; Sequence 330, Application US/10145092A
; Publication No. US20030203435A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
```

```
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC45
; CURRENT APPLICATION NUMBER: US/10/145,092A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRY
; ORGANISM: Homo sapiens
US-10-145-092A-330

Query Match      100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120
DB 61 YPKEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELROQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180
DB 121 LPFAELROQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180
QY 181 QSKPEIQYAPHLEQBPNTLNRESLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQBPNTLNRESLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVPSSEKLSIYGDLSFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLMCCATVATAVEQVPSSEKLSIYGDLSFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 54
US-10-145-129A-330
; Sequence 330, Application US/10145129A
; Publication No. US20030203436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
```

APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P630P1C51  
CURRENT APPLICATION NUMBER: US/10/145,129A  
PRIOR FILING DATE: 2002-10-10  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
S-10-145-129A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKSLWRTTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKSLWRTTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
Qy 61 YPKEELIYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKEELIYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
Qy 121 LPFAELRQEQSLMIPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEQSLMIPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMNLSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMNLSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTFTVLVSVMVLLTCCATVATVQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
Db 241 ILTFTVLVSVMVLLTCCATVATVQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTDEHREAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHREAGPLPTKVNLAHSEI 323

RESULT 55  
US-10-146-728-272  
Sequence 272, Application US/10146728  
Publication No. US20030203437A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C321  
CURRENT APPLICATION NUMBER: US/10/146,728  
CURRENT FILING DATE: 2002-05-15  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-146-728-272

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKSLWRTTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKSLWRTTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
Qy 61 YPKEELIYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKEELIYACQRCGLFSLICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
Qy 121 LPFAELRQEQSLMIPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEQSLMIPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMNLSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMNLSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTFTVLVSVMVLLTCCATVATVQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
Db 241 ILTFTVLVSVMVLLTCCATVATVQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTDEHREAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHREAGPLPTKVNLAHSEI 323



RESULT 56

US-10-146-786-272

; Sequence 272, Application US/10146786

; Publication No. US20030203439A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C313

; CURRENT APPLICATION NUMBER: US/10/146,786

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-146-786-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 12; Length 323;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTOGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60

DB 1 MAAPKGSLSWVRTOGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60

QY 61 YKKEELVACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120

DB 61 YKKEELVACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120

QY 121 LPFAELRQQLMSLPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180

DB 121 LPFAELRQQLMSLPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLOHNSQAHNFLEDSGDFLRCLSNSGW 240

DB 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLOHNSQAHNFLEDSGDFLRCLSNSGW 240

QY 241 ILTTTLVLSWVLLMICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

DB 241 ILTTTLVLSWVLLMICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 57

US-10-147-499-272

; Sequence 272, Application US/10147499

; Publication No. US20030203439A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

Query Match

Best Local Similarity 100.0%; Score 1694; DB 12; Length 323;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTOGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60

DB 1 MAAPKGSLSWVRTOGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60

QY 61 YKKEELVACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120

DB 61 YKKEELVACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120

QY 121 LPFAELRQQLMSLPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180

DB 121 LPFAELRQQLMSLPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLOHNSQAHNFLEDSGDFLRCLSNSGW 240

DB 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLOHNSQAHNFLEDSGDFLRCLSNSGW 240

QY 241 ILTTTLVLSWVLLMICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

DB 241 ILTTTLVLSWVLLMICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C348

; CURRENT APPLICATION NUMBER: US/10/147,499

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-147-499-272

Query Match 100.0%; Score 1694; DB 12; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTOGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60

DB 1 MAAPKGSLSWVRTOGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60

QY 61 YKKEELVACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120

DB 61 YKKEELVACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120

QY 121 LPFAELRQQLMSLPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180

DB 121 LPFAELRQQLMSLPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLOHNSQAHNFLEDSGDFLRCLSNSGW 240

DB 181 QSKPEIQAPHLEQPTNLRSSLSKMSYLOHNSQAHNFLEDSGDFLRCLSNSGW 240

QY 241 ILTTTLVLSWVLLMICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

DB 241 ILTTTLVLSWVLLMICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 58

US-10-157-798-272

; Sequence 272, Application US/10157798

; Publication No. US20030203440A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Tamas, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P330R1C443  
CURRENT APPLICATION NUMBER: US/10/157,798  
CURRENT FILING DATE: 2002-05-29  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-157-798-272

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Y 1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60  
b 1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60  
Y 61 YPKEELYACQRCGLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
b 61 YPKEELYACQRCGLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
Y 121 LPFAELRQELMSLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLDGDKIVIF 180  
b 121 LPFAELRQELMSLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLDGDKIVIF 180  
Y 181 QSKPEIOYAPHLQEPNTNRESLSKMSYLOMNSQAHNRNFDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIOYAPHLQEPNTNRESLSKMSYLOMNSQAHNRNFDGSDGFLRCLSLNSGW 240  
Y 241 ILTTTLVLSVNVLLWICCATVAVAYQVPSEKLSIYGLDFPNEOKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVNVLLWICCATVAVAYQVPSEKLSIYGLDFPNEOKLNRYPASSLVVVR 300  
Y 301 SKTEDEEAGPLPTKVNLAHSEI 323  
b 301 SKTEDEEAGPLPTKVNLAHSEI 323

RESULT 59  
US-10-165-038A-330  
Sequence 330, Application US/10165038A  
Publication No. US20030203441A1  
GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Nepier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P2630PIC29  
CURRENT APPLICATION NUMBER: US/10/165,038A  
CURRENT FILING DATE: 2002-10-10  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-165-038A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60  
QY 61 YPKEELYACQRCGLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKEELYACQRCGLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLDGDKIVIF 180  
Db 121 LPFAELRQELMSLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLDGDKIVIF 180  
QY 181 QSKPEIOYAPHLQEPNTNRESLSKMSYLOMNSQAHNRNFDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIOYAPHLQEPNTNRESLSKMSYLOMNSQAHNRNFDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVNVLLWICCATVAVAYQVPSEKLSIYGLDFPNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVNVLLWICCATVAVAYQVPSEKLSIYGLDFPNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEEAGPLPTKVNLAHSEI 323

RESULT 60  
US-10-165-353A-330  
Sequence 330, Application US/10165353A  
Publication No. US20030203442A1  
GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Nepier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.

Db 121 LPPAELEQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSOAHKPLEDESDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSOAHKPLEDESDGFLRCLSLNSGW 240  
QY 241 ILTTVLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLNVVR 300  
Db 241 ILTTVLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLNVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
RESULT 61  
US-10-167-600-330  
; Sequence 330, Application US/10167600  
; Publication NO. US20030203443A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Fong, Sherman  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC35  
; CURRENT APPLICATION NUMBER: US/10/167,600  
; CURRENT FILING DATE: 2002-12-10  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Fong, Sherman  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC40  
CURRENT APPLICATION NUMBER: US/10/165,353A  
CURRENT FILING DATE: 2002-10-10  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-165-353A-330  
Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKSLWVRLTGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKSLWVRLTGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120  
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPPAELEQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF 180

Remaining Prior Application data removed - See File Wrapper or PALM.

US-10-170-481A-330  
SEQUENCE 330, Application US/10170481A  
Publication No. US20030203444A  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gottsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C53  
CURRENT APPLICATION NUMBER: US/10/170,481A

US-10-170-481A-330  
SEQUENCE 330, Application US/10170481A  
Publication No. US20030203444A  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gottsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C53  
CURRENT APPLICATION NUMBER: US/10/170,481A

US-10-170-481A-330  
SEQUENCE 330, Application US/10170481A  
Publication No. US20030203444A  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gottsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C53  
CURRENT APPLICATION NUMBER: US/10/170,481A

US-10-170-481A-330  
SEQUENCE 330, Application US/10170481A  
Publication No. US20030203444A  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gottsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C53  
CURRENT APPLICATION NUMBER: US/10/170,481A

```
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630PIC30
CURRENT APPLICATION NUMBER: US/10/172,039A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 624
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
ORGANISM: Homo sapiens
US-10-172-039A-330

Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSEWVTRQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKSEWVTRQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKBEELVACORGLFSCQFVDDGIDILNRKLECSACTEAYSQSDQYACHLGCQ 120
DB 61 YPKBEELVACORGLFSCQFVDDGIDILNRKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQBSLMPKMLLPFLTLVRSFWSDMDSQSFITSSWTLYLQADGKIVIF 180
DB 121 LPFAELRQBSLMPKMLLPFLTLVRSFWSDMDSQSFITSSWTLYLQADGKIVIF 180
QY 181 QSKPEIQVAPHLRQEPNTNRESLSQMSYLOWNSQAHNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQVAPHLRQEPNTNRESLSQMSYLOWNSQAHNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTFTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFPMQEKLNRYPASSLVVVR 300
DB 241 ILTFTLVLSVMVLLNICCATVATAVEQYVPSEKLSIYGDLEFPMQEKLNRYPASSLVVVR 300
```

```
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323
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## RESULT 64

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US-10-210-028-330
; Sequence 330, Application US/10210028
; Publication No. US20030203446A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC52
; CURRENT APPLICATION NUMBER: US/10/210,028
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-210-028-330
```

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Query Match 100.0%; Score 1694; DB 12; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
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Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSIAWRTQGLPPLLLTALAGSGSTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGSIAWRTQGLPPLLLTALAGSGSTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
61 YPKBEELYACORGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLCQNO 120  
61 YPKBEELYACORGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLCQNO 120  
121 LPFAELRQEQMLSPKWHLLFPLTLVRSPWSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQEQMLSPKWHLLFPLTLVRSPWSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQYAPHELEPTNLRESSLKMSYLQMRNSQAHNRFLEDSGDFLRCLSLNSGW 240  
181 QSKPEIQYAPHELEPTNLRESSLKMSYLQMRNSQAHNRFLEDSGDFLRCLSLNSGW 240  
241 ILTTTLVLSVWVLLMICCATVATAVEQYVPSEKLSIYGDLEFNMEOQLNRYPASSLWVR 300  
241 ILTTTLVLSVWVLLMICCATVATAVEQYVPSEKLSIYGDLEFNMEOQLNRYPASSLWVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 65

JS-10-305-654-8  
Sequence 8, Application US/10305654  
Publication No. US20030224984A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Gerber, Hans-Peter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Marsters, Scot A.  
APPLICANT: Pan, J.  
APPLICANT: Paoni, N. P.  
APPLICANT: Stephan, J-P F.  
APPLICANT: Watanabe, C.K.  
APPLICANT: Wood, W.I.  
APPLICANT: Williams, P.M.  
APPLICANT: Ye, Weilan  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS  
FILE REFERENCE: P3235R1C1  
CURRENT APPLICATION NUMBER: US/10/305,654  
CURRENT FILING DATE: 2002-11-26  
NUMBER OF SEQ ID NOS: 383  
SEQ ID NO 8  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homosapiens  
JS-10-305-654-8

Query Match 100.0%; Score 1694; DB 12; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSIAWRTQGLPPLLLTALAGSGSTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGSIAWRTQGLPPLLLTALAGSGSTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
61 YPKBEELYACORGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLCQNO 120  
61 YPKBEELYACORGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLCQNO 120  
121 LPFAELRQEQMLSPKWHLLFPLTLVRSPWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQMLSPKWHLLFPLTLVRSPWSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHELEPTNLRESSLKMSYLQMRNSQAHNRFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHELEPTNLRESSLKMSYLQMRNSQAHNRFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWVLLMICCATVATAVEQYVPSEKLSIYGDLEFNMEOQLNRYPASSLWVR 300  
Db 241 ILTTTLVLSVWVLLMICCATVATAVEQYVPSEKLSIYGDLEFNMEOQLNRYPASSLWVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 66

US-10-028-072-272  
Sequence 272, Application US/10028072  
Publication No. US20030004311A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang  
TITLE OF INVENTION:  
FILE REFERENCE:  
CURRENT APPLICATION NUMBER: US/10/028,072  
CURRENT FILING DATE: 2001-12-19  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062285  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062814  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/062816

PRIOR APPLICATION NUMBER: 60/081699  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081917  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082999  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086414  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/086430  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088730  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088741  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 19/98-06-11  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090863  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLWRTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGLWRTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60

Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120  
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120

Y 121 LPFAELRQEQALMSLMPKMHLLPPLTLVRFSWSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
b 121 LPFAELRQEQALMSLMPKMHLLPPLTLVRFSWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
b 181 QSKPEIQYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

Y 241 ILTTTLVLSVWVLLWICCATVATAVQYVPSEKLSYIGDLEFNMNEOKLNRYPASSLIVVR 300  
b 241 ILTTTLVLSVWVLLWICCATVATAVQYVPSEKLSYIGDLEFNMNEOKLNRYPASSLIVVR 300

Y 301 SKTEDEEAGPLTKVNLHSEI 323  
b 301 SKTEDEEAGPLTKVNLHSEI 323

RESULT 67

S-10-121-049-272  
Sequence 272, Application US/10121049  
Publication No. US20030022239A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C17  
CURRENT APPLICATION NUMBER: US/10/121,049  
CURRENT FILING DATE: 2002-04-12  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
IS-10-121-049-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLWRTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGLWRTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60

Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120

Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120

Qy 121 LPFAELRQEQALMSLMPKMHLLPPLTLVRFSWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQALMSLMPKMHLLPPLTLVRFSWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVWVLLWICCATVATAVQYVPSEKLSYIGDLEFNMNEOKLNRYPASSLIVVR 300

Db 241 ILTTTLVLSVWVLLWICCATVATAVQYVPSEKLSYIGDLEFNMNEOKLNRYPASSLIVVR 300

Qy 301 SKTEDEEAGPLTKVNLHSEI 323

Db 301 SKTEDEEAGPLTKVNLHSEI 323

RESULT 68  
US-10-123-904-272  
Sequence 272, Application US/10123904  
Publication No. US20030022328A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C54  
CURRENT APPLICATION NUMBER: US/10/123,904  
CURRENT FILING DATE: 2002-04-16  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-123-904-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWRTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGLWRTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60

Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120

Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120

Qy 121 LPFAELRQEQALMSLMPKMHLLPPLTLVRFSWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQALMSLMPKMHLLPPLTLVRFSWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240



Db 181 QSKPEIQYAPHLQEPNTLRBSLSKMSYLVQWNSQAHNFLEDGESDGLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 69  
US-10-140-470-272  
; Sequence 272, Application US/10140470  
; Publication No. US20030022331A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C160  
; CURRENT APPLICATION NUMBER: US/10/140,470  
; CURRENT FILING DATE: 2002-05-06  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-140-470-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVRITQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKGSWVRITQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLCGQCNQ 120  
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLCGQCNQ 120  
Qy 121 LPFAELRQEQLSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEQLSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLQEPNTLRBSLSKMSYLVQWNSQAHNFLEDGESDGLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNTLRBSLSKMSYLVQWNSQAHNFLEDGESDGLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 70  
US-10-175-746-272  
; Sequence 272, Application US/10175746  
; Publication No. US20030027270A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C353  
; CURRENT APPLICATION NUMBER: US/10/175,746  
; CURRENT FILING DATE: 2002-06-19  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-175-746-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVRITQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKGSWVRITQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLCGQCNQ 120  
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLCGQCNQ 120  
Qy 121 LPFAELRQEQLSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEQLSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLQEPNTLRBSLSKMSYLVQWNSQAHNFLEDGESDGLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNTLRBSLSKMSYLVQWNSQAHNFLEDGESDGLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 71  
US-10-176-918-272  
; Sequence 272, Application US/10176918  
; Publication No. US20030027275A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C382  
CURRENT APPLICATION NUMBER: US/10/176,918  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-176-918-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSUWVETQGLPPLLLTALAGGSGTASAAFDVSLGDTASCHACQTYPLHT 60  
Db 1 MAAPKGSUWVETQGLPPLLLTALAGGSGTASAAFDVSLGDTASCHACQTYPLHT 60  
2Y 61 YPKBEELYACQCGCLFSLFCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKBEELYACQCGCLFSLFCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
2Y 121 LPPFALRQELMSLPKMLLPFLTLVRSFMSDMSAQSFITSSWTFYLOADGKIVIF 180  
Db 121 LPPFALRQELMSLPKMLLPFLTLVRSFMSDMSAQSFITSSWTFYLOADGKIVIF 180  
2Y 181 OSKPEIQVAPHLQEPTNLRESLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 OSKPEIQVAPHLQEPTNLRESLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
2Y 241 ILTTTLVLSVMVLLWICCATVATVAVQYVPSEKLSIYGDLEFMNEQKLNYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATVAVQYVPSEKLSIYGDLEFMNEQKLNYPASSLVVVR 300  
2Y 301 SKTEDHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 72  
US-10-176-921-272  
Sequence 272, Application US/10176921  
Publication No. US20030272681  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C154

APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C288  
CURRENT APPLICATION NUMBER: US/10/176,921  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-176-921-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSUWVETQGLPPLLLTALAGGSGTASAAFDVSLGDTASCHACQTYPLHT 60  
Db 1 MAAPKGSUWVETQGLPPLLLTALAGGSGTASAAFDVSLGDTASCHACQTYPLHT 60  
QY 61 YPKBEELYACQCGCLFSLFCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKBEELYACQCGCLFSLFCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPPFALRQELMSLPKMLLPFLTLVRSFMSDMSAQSFITSSWTFYLOADGKIVIF 180  
Db 121 LPPFALRQELMSLPKMLLPFLTLVRSFMSDMSAQSFITSSWTFYLOADGKIVIF 180  
QY 181 OSKPEIQVAPHLQEPTNLRESLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 OSKPEIQVAPHLQEPTNLRESLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATVAVQYVPSEKLSIYGDLEFMNEQKLNYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATVAVQYVPSEKLSIYGDLEFMNEQKLNYPASSLVVVR 300  
QY 301 SKTEDHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 73  
US-10-137-865-272  
Sequence 272, Application US/10137865  
Publication No. US20030032155A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C154

; CURRENT APPLICATION NUMBER: US/10/137,865  
; CURRENT FILING DATE: 2002-05-03  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-137-865-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
DB 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120  
DB 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120  
QY 121 LPFAELRQEQLSMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180  
DB 121 LPFAELRQEQLSMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180  
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOXNSOAHNFLEDGESDGLFCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOXNSOAHNFLEDGESDGLFCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGLDFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGLDFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLTKYNLAHSEI 323  
DB 301 SKTEDEHEAGPLTKYNLAHSEI 323

## RESULT 74

US-10-140-474-272  
; Sequence 272, Application US/10140474  
; Publication No. US2003032156A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C162  
; CURRENT APPLICATION NUMBER: US/10/140,474  
; CURRENT FILING DATE: 2002-05-06  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-140-474-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
DB 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120  
DB 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120  
QY 121 LPFAELRQEQLSMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180  
DB 121 LPFAELRQEQLSMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180  
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOXNSOAHNFLEDGESDGLFCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOXNSOAHNFLEDGESDGLFCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGLDFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGLDFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLTKYNLAHSEI 323  
DB 301 SKTEDEHEAGPLTKYNLAHSEI 323

## RESULT 75

US-10-142-431-272  
; Sequence 272, Application US/10142431  
; Publication No. US20030036179A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C251  
; CURRENT APPLICATION NUMBER: US/10/142,431  
; CURRENT FILING DATE: 2002-05-10  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-142-431-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
DB 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKKEELVACQRCRLPSICQVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120  
61 YPKKEELVACQRCRLPSICQVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120  
121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300  
241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300  
301 SKTEDEHEAGPLPTKVNLAHSEI 323  
301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 76  
US-10-143-114-272  
; Sequence 272, Application US/10143114  
; Publication No. US20030036180A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Deanoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC211  
; CURRENT APPLICATION NUMBER: US/10/143,114  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
S-10-143-114-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLLWRTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
1 MAAPKGSLLWRTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
61 YPKKEELVACQRCRLPSICQVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120  
61 YPKKEELVACQRCRLPSICQVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120  
121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300  
241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300  
301 SKTEDEHEAGPLPTKVNLAHSEI 323

Db 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300  
Db 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300  
Qy 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 77  
US-10-140-002-272  
; Sequence 272, Application US/10140002  
; Publication No. US20030037623A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Deanoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC59  
; CURRENT APPLICATION NUMBER: US/10/140,002  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-140-002-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLLWRTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
1 MAAPKGSLLWRTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
61 YPKKEELVACQRCRLPSICQVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120  
61 YPKKEELVACQRCRLPSICQVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNG 120  
121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300  
241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300  
301 SKTEDEHEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 78

US-10-142-419-272

; Sequence 272, Application US/10142419

; Publication No. US2003004945A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C244

; CURRENT APPLICATION NUMBER: US/10/142,419

; CURRENT FILING DATE: 2002-05-10

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-142-419-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKSLWVRQLGPPILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

Db 1 MAAPKSLWVRQLGPPILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

Qy 61 YPKREELYACQRCRLFSICQFVDDGIDILNRTKLCEACTEAYSQSDEQYACHLGCNQ 120

Db 61 YPKREELYACQRCRLFSICQFVDDGIDILNRTKLCEACTEAYSQSDEQYACHLGCNQ 120

Qy 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIIVP 180

Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIIVP 180

Qy 181 QSKPEIQYAPHLQEPTNLRRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLQEPTNLRRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 79

US-10-017-081A-330

; Sequence 330, Application US/10017081A

; Publication No. US2003004968A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker, Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630P1C69

; CURRENT APPLICATION NUMBER: US/10/017,081A

; CURRENT FILING DATE: 2002-04-30

; Prior application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 624

; SEQ ID NO 330

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-017-081A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKSLWVRQLGPPILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

Db 1 MAAPKSLWVRQLGPPILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

Qy 61 YPKREELYACQRCRLFSICQFVDDGIDILNRTKLCEACTEAYSQSDEQYACHLGCNQ 120

Db 61 YPKREELYACQRCRLFSICQFVDDGIDILNRTKLCEACTEAYSQSDEQYACHLGCNQ 120

Qy 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIIVP 180

Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADDGKIIVP 180

Qy 181 QSKPEIQYAPHLQEPTNLRRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLQEPTNLRRESLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 80

US-10-123-262-272

; Sequence 272, Application US/10123262

; Publication No. US20030049816A1

; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C38  
CURRENT APPLICATION NUMBER: US/10/123,262  
CURRENT FILING DATE: 2002-04-15  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-123-262-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVLTQGLPPLLLITWALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVLTQGLPPLLLITWALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKKEELVACORGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKKEELVACORGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLFPPLTLVRSFMSDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLFPPLTLVRSFMSDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPIQIAPHLEQPTNLRSSLSKSYLOMNSQAHNPFLEDSGDFLRCLSLSG 240  
DB 181 QSKPIQIAPHLEQPTNLRSSLSKSYLOMNSQAHNPFLEDSGDFLRCLSLSG 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEBAGPLTKVNLHSEI 323  
DB 301 SKTEDHEBAGPLTKVNLHSEI 323

RESULT 81  
US-10-142-423-272  
Sequence 272, Application US/10142423  
Publication No. US20030049817A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C249  
CURRENT APPLICATION NUMBER: US/10/142,423  
CURRENT FILING DATE: 2002-05-10  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-142-423-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVLTQGLPPLLLITWALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVLTQGLPPLLLITWALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKKEELVACORGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKKEELVACORGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLFPPLTLVRSFMSDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLFPPLTLVRSFMSDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPIQIAPHLEQPTNLRSSLSKSYLOMNSQAHNPFLEDSGDFLRCLSLSG 240  
DB 181 QSKPIQIAPHLEQPTNLRSSLSKSYLOMNSQAHNPFLEDSGDFLRCLSLSG 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEBAGPLTKVNLHSEI 323  
DB 301 SKTEDHEBAGPLTKVNLHSEI 323

RESULT 82  
US-10-121-050-272  
Sequence 272, Application US/10121050  
Publication No. US20030054516A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C20  
; CURRENT APPLICATION NUMBER: US/10/121,050  
; CURRENT FILING DATE: 2002-04-12  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-121-050-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVRTOGLGPPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRTOGLGPPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
DB 61 YPKBEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKXHLPLTLVRSFMSDMDMSAQSFITSSWTYFLQADDGKIIVIF 180  
DB 121 LPFAELRQQLMSLMPKXHLPLTLVRSFMSDMDMSAQSFITSSWTYFLQADDGKIIVIF 180  
QY 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHERAGPLPTKVNLAHSEI 323

## RESULT 83

US-10-141-755-272  
; Sequence 272, Application US/10141755  
; Publication No. US20030054517A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C192  
; CURRENT APPLICATION NUMBER: US/10/141,755  
; CURRENT FILING DATE: 2002-05-08  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT

; ORGANISM: Homo Sapien  
US-10-141-755-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVRTOGLGPPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRTOGLGPPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
DB 61 YPKBEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKXHLPLTLVRSFMSDMDMSAQSFITSSWTYFLQADDGKIIVIF 180  
DB 121 LPFAELRQQLMSLMPKXHLPLTLVRSFMSDMDMSAQSFITSSWTYFLQADDGKIIVIF 180  
QY 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTLRSSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHERAGPLPTKVNLAHSEI 323

## RESULT 84

US-10-167-749-330  
; Sequence 330, Application US/10167749  
; Publication No. US20030056137A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas P.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P2630PIC60  
; CURRENT APPLICATION NUMBER: US/10/167,749  
; CURRENT FILING DATE: 2001-10-19  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 330  
; LENGTH: 323  
; TYPE: PRT

;; PRIOR APPLICATION NUMBER: 60/064249  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/077450  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: 60/077632  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077641  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077649  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077791  
;; PRIOR FILING DATE: 1998-03-12  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 624  
;; SEQ ID NO 330  
;; LENGTH: 323  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
JS-10-167-749-330

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
  
QY 61 YPKEELIYACQRCRLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELIYACQRCRLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
  
QY 121 LPFAELRQEQMLSPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQEQMLSPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
  
QY 181 QSKPEIQAPHELEPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQAPHELEPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
  
QY 241 ILTTTLVLSVWLLWICATVATAVEQYVSEKLSIYGDLEFNMEOKLNRYPASSLWVR 300  
DB 241 ILTTTLVLSVWLLWICATVATAVEQYVSEKLSIYGDLEFNMEOKLNRYPASSLWVR 300  
  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 85  
JS-10-143-032-272  
Sequence 272, Application US/10143032  
Publication No. US2003005990A1  
GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Beresini, Maureen  
;; APPLICANT: DeForge, Laura  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerritsen, Mary B.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Sherwood, Steven  
;; APPLICANT: Smith, Victoria  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tamas, Daniel  
;; APPLICANT: Watanabe, Colin K

;; APPLICANT: Wood, William  
;; APPLICANT: Zhang, Zemin  
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
;; FILE REFERENCE: P3330R1C245  
;; CURRENT APPLICATION NUMBER: US/10/143,032  
;; CURRENT FILING DATE: 2002-05-10  
;; Prior Application removed - See Palm or File Wrapper  
;; NUMBER OF SEQ ID NOS: 550  
;; SEQ ID NO 272  
;; LENGTH: 323  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-143-032-272  
  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
  
QY 61 YPKEELIYACQRCRLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELIYACQRCRLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
  
QY 121 LPFAELRQEQMLSPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQEQMLSPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
  
QY 181 QSKPEIQAPHELEPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQAPHELEPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
  
QY 241 ILTTTLVLSVWLLWICATVATAVEQYVSEKLSIYGDLEFNMEOKLNRYPASSLWVR 300  
DB 241 ILTTTLVLSVWLLWICATVATAVEQYVSEKLSIYGDLEFNMEOKLNRYPASSLWVR 300  
  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 86  
US-10-013-921A-330  
Sequence 330, Application US/10013921A  
Publication No. US20030068648A1  
GENERAL INFORMATION:  
;; APPLICANT: Ashkenazi, Avi  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Botstein, David  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Eaton, Dan  
;; APPLICANT: Ferrara, Napoleon  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Gerritsen, Mary B.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: KJavin, Ivar J.  
;; APPLICANT: Kuo, Sophia S.  
;; APPLICANT: Napier, Mary A.  
;; APPLICANT: Pan, James  
;; APPLICANT: Paoni, Nicholas P.  
;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Shelton, David L.  
;; APPLICANT: Stewart, Timothy A.



APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC84  
CURRENT APPLICATION NUMBER: US/10/013,921A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070

PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
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PRIOR FILING DATE: 1998-04-15  
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PRIOR FILING DATE: 1998-04-15  
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PRIOR FILING DATE: 1998-04-15  
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PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07

PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Mismatches 0; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKSLWRTQLGLPPLLLTLALAGSGTASARAFDSVLGDTASCHRAQCLTYPLHT 60  
1 MAAPKSLWRTQLGLPPLLLTLALAGSGTASARAFDSVLGDTASCHRAQCLTYPLHT 60  
61 YPKREELIACORGLRFSICQFVDDGIDNRTKLECSACTEAYSQSDSOYACHLCQNO 120  
61 YPKREELIACORGLRFSICQFVDDGIDNRTKLECSACTEAYSQSDSOYACHLCQNO 120  
121 LPFABLQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLDGDKIVIF 180  
121 LPFABLQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLDGDKIVIF 180  
181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLOMNSQAHNFLEDSGDFPLRCLSLNSGM 240  
181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLOMNSQAHNFLEDSGDFPLRCLSLNSGM 240  
241 ILTTLVLSVWLLWICATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLWVVR 300  
241 ILTTLVLSVWLLWICATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLWVVR 300  
301 SKTEDHEEAGPLTKVNLHSEI 323  
301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 87  
JS-10-123-108-272  
Sequence 272, Application US/10123108  
Publication No. US20030068793A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C36  
CURRENT APPLICATION NUMBER: US/10/123,108  
CURRENT FILING DATE: 2002-04-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062285  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062814  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/062816  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063082  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063327  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063550  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063561  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063704  
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PRIOR APPLICATION NUMBER: 60/063733  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063735  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063738  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063755  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/064809  
PRIOR FILING DATE: 1997-11-07  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12

; PRIOR APPLICATION NUMBER: 60/065846  
; PRIOR FILING DATE: 1997-11-17  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/066453  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/066511  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/066770  
; PRIOR FILING DATE: 1997-11-24  
; PRIOR APPLICATION NUMBER: 60/069212  
; PRIOR FILING DATE: 1997-12-11  
; PRIOR APPLICATION NUMBER: 60/069278  
; PRIOR FILING DATE: 1997-12-11  
; PRIOR APPLICATION NUMBER: 60/069334  
; PRIOR FILING DATE: 1997-12-11  
; PRIOR APPLICATION NUMBER: 60/069694  
; PRIOR FILING DATE: 1997-12-16  
; PRIOR APPLICATION NUMBER: 60/072320  
; PRIOR FILING DATE: 1998-01-23  
; PRIOR APPLICATION NUMBER: 60/073612  
; PRIOR FILING DATE: 1998-02-04  
; PRIOR APPLICATION NUMBER: 60/074086  
; PRIOR FILING DATE: 1998-02-09  
; PRIOR APPLICATION NUMBER: 60/074092  
; PRIOR FILING DATE: 1998-02-09  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
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; PRIOR FILING DATE: 1998-02-27  
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; PRIOR FILING DATE: 1998-03-27  
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; PRIOR APPLICATION NUMBER: 60/081695  
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; PRIOR FILING DATE: 1998-04-15  
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; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082999  
; PRIOR FILING DATE: 1998-04-24  
; PRIOR APPLICATION NUMBER: 60/083322  
; PRIOR FILING DATE: 1998-04-28  
; PRIOR APPLICATION NUMBER: 60/083545  
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; PRIOR FILING DATE: 1998-05-07  
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; PRIOR APPLICATION NUMBER: 60/085339  
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; PRIOR APPLICATION NUMBER: 60/085579  
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; PRIOR APPLICATION NUMBER: 60/085697  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086414  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/086430  
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; PRIOR APPLICATION NUMBER: 60/087106  
; PRIOR FILING DATE: 1998-05-28  
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; PRIOR FILING DATE: 1998-06-04  
; PRIOR APPLICATION NUMBER: 60/088730  
; PRIOR FILING DATE: 1998-06-10  
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; PRIOR APPLICATION NUMBER: 60/089947  
; PRIOR FILING DATE: 1998-06-19  
; PRIOR APPLICATION NUMBER: 60/090349  
; PRIOR FILING DATE: 1998-06-23  
; PRIOR APPLICATION NUMBER: 60/090429  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090445  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090538  
; PRIOR FILING DATE: 1998-06-24  
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; PRIOR FILING DATE: 1998-06-26  
; PRIOR APPLICATION NUMBER: 60/091360  
; PRIOR FILING DATE: 1998-07-01  
; PRIOR APPLICATION NUMBER: 60/091519  
; PRIOR FILING DATE: 1998-07-02  
; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKSLWVTVQLGHPPLLLTMTALAGSGTASAEAFDVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKSLWVTVQLGHPPLLLTMTALAGSGTASAEAFDVLGDTASCHRACOLTYPLET 60  
Qy 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDQYACHLGCQXQ 120  
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRITKLECESACTEAYSQSDQYACHLGCQXQ 120  
Qy 121 LPPAEIURQOLMSLAPKMLLLPPLTVRSFWMDSAQSFITSSWTVYLOADDGKIVIF 180  
Db 121 LPPAEIURQOLMSLAPKMLLLPPLTVRSFWMDSAQSFITSSWTVYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLEOEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEOEPNTNLRSSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSKLSIYGDLEFMNEQKLNRYPASSLWVR 300  
Db 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSKLSIYGDLEFMNEQKLNRYPASSLWVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSI 323

RESULT 88  
US-10-123-236-272  
; Sequence 272, Application US/10123236

Publication No. US20030068795A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C33

CURRENT APPLICATION NUMBER: US/10/123,236

CURRENT FILING DATE: 2002-04-15

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-123-236-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGLWRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKKEELVACORGRLFSICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQ 120

61 YPKKEELVACORGRLFSICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQ 120

121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300

301 SKTDEHEAGPLPTKYNLAHSEI 323

301 SKTDEHEAGPLPTKYNLAHSEI 323

RESULT 89

US-10-123-261-272

Sequence 272, Application US/10123261

Publication No. US20030068796A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C42

CURRENT APPLICATION NUMBER: US/10/123,261

CURRENT FILING DATE: 2002-04-15

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-123-261-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGLWRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKKEELVACORGRLFSICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQ 120

61 YPKKEELVACORGRLFSICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQ 120

121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300

241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300

301 SKTDEHEAGPLPTKYNLAHSEI 323

301 SKTDEHEAGPLPTKYNLAHSEI 323

RESULT 90

US-10-140-921-272

Sequence 272, Application US/10140921

Publication No. US20030068797A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William

```
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C175
; CURRENT APPLICATION NUMBER: US/10/140,921
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-921-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGLWRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKRELYACQRCRLFSICQFVDDGIDLNRTKLCEESACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKRELYACQRCRLFSICQFVDDGIDLNRTKLCEESACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIIVIF 180
DB 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCISLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCISLNSGW 240
QY 241 ILTTTILVSWVLLWTCATVATVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLWVVR 300
DB 241 ILTTTILVSWVLLWTCATVATVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKYNLAHSEI 323

RESULT 91
US-10-140-928-272
; Sequence 272, Application US/10140928
; Publication No. US20030068798A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C186
; CURRENT APPLICATION NUMBER: US/10/140,928
; CURRENT FILING DATE: 2002-05-07
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
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; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-928-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGLWRTQLGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKRELYACQRCRLFSICQFVDDGIDLNRTKLCEESACTEAYSQSDEQYACHLGCQNQ 120
DB 61 YPKRELYACQRCRLFSICQFVDDGIDLNRTKLCEESACTEAYSQSDEQYACHLGCQNQ 120
QY 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIIVIF 180
DB 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIIVIF 180
QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCISLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDGESDGFRLCISLNSGW 240
QY 241 ILTTTILVSWVLLWTCATVATVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLWVVR 300
DB 241 ILTTTILVSWVLLWTCATVATVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKYNLAHSEI 323

RESULT 92
US-10-013-929A-330
; Sequence 330, Application US/10013929A
; Publication No. US20030072745A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC89
; CURRENT APPLICATION NUMBER: US/10/013,929A
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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1 PRIOR APPLICATION NUMBER: 60/062250  
2 PRIOR FILING DATE: 1997-10-17  
3 PRIOR APPLICATION NUMBER: 60/064249  
4 PRIOR FILING DATE: 1997-11-03  
5 PRIOR APPLICATION NUMBER: 60/065311  
6 PRIOR FILING DATE: 1997-11-13  
7 PRIOR APPLICATION NUMBER: 60/066364  
8 PRIOR FILING DATE: 1997-11-21  
9 PRIOR APPLICATION NUMBER: 60/077450  
10 PRIOR FILING DATE: 1998-03-10  
11 PRIOR APPLICATION NUMBER: 60/077632  
12 PRIOR FILING DATE: 1998-03-11  
13 PRIOR APPLICATION NUMBER: 60/077641  
14 PRIOR FILING DATE: 1998-03-11  
15 PRIOR APPLICATION NUMBER: 60/077649  
16 PRIOR FILING DATE: 1998-03-11  
17 PRIOR APPLICATION NUMBER: 60/077791  
18 PRIOR FILING DATE: 1998-03-12  
19 PRIOR APPLICATION NUMBER: 60/078004  
20 PRIOR FILING DATE: 1998-03-13  
21 PRIOR APPLICATION NUMBER: 60/078886  
22 PRIOR FILING DATE: 1998-03-20  
23 PRIOR APPLICATION NUMBER: 60/078936  
24 PRIOR FILING DATE: 1998-03-20  
25 PRIOR APPLICATION NUMBER: 60/078910  
26 PRIOR FILING DATE: 1998-03-20  
27 PRIOR APPLICATION NUMBER: 60/078939  
28 PRIOR FILING DATE: 1998-03-20  
29 PRIOR APPLICATION NUMBER: 60/079294  
30 PRIOR FILING DATE: 1998-03-25  
31 PRIOR APPLICATION NUMBER: 60/079656  
32 PRIOR FILING DATE: 1998-03-26  
33 PRIOR APPLICATION NUMBER: 60/079664  
34 PRIOR FILING DATE: 1998-03-27  
35 PRIOR APPLICATION NUMBER: 60/079689  
36 PRIOR FILING DATE: 1998-03-27  
37 PRIOR APPLICATION NUMBER: 60/079663  
38 PRIOR FILING DATE: 1998-03-27  
39 PRIOR APPLICATION NUMBER: 60/079728  
40 PRIOR FILING DATE: 1998-03-27  
41 PRIOR APPLICATION NUMBER: 60/079786  
42 PRIOR FILING DATE: 1998-03-27  
43 PRIOR APPLICATION NUMBER: 60/079920  
44 PRIOR FILING DATE: 1998-03-30  
45 PRIOR APPLICATION NUMBER: 60/079923  
46 PRIOR FILING DATE: 1998-03-30  
47 PRIOR APPLICATION NUMBER: 60/080105  
48 PRIOR FILING DATE: 1998-03-31  
49 PRIOR APPLICATION NUMBER: 60/080107  
50 PRIOR FILING DATE: 1998-03-31  
51 PRIOR APPLICATION NUMBER: 60/080165  
52 PRIOR FILING DATE: 1998-03-31  
53 PRIOR APPLICATION NUMBER: 60/080194  
54 PRIOR FILING DATE: 1998-03-31  
55 PRIOR APPLICATION NUMBER: 60/080327  
56 PRIOR FILING DATE: 1998-04-01  
57 PRIOR APPLICATION NUMBER: 60/080328  
58 PRIOR FILING DATE: 1998-04-01  
59 PRIOR APPLICATION NUMBER: 60/080333  
60 PRIOR FILING DATE: 1998-04-01  
61 PRIOR APPLICATION NUMBER: 60/080334  
62 PRIOR FILING DATE: 1998-04-01  
63 PRIOR APPLICATION NUMBER: 60/081070  
64 PRIOR FILING DATE: 1998-04-08  
65 PRIOR APPLICATION NUMBER: 60/081049  
66 PRIOR FILING DATE: 1998-04-08  
67 PRIOR APPLICATION NUMBER: 60/081071  
68 PRIOR FILING DATE: 1998-04-08  
69 PRIOR APPLICATION NUMBER: 60/081195  
70 PRIOR FILING DATE: 1998-04-08  
71 PRIOR APPLICATION NUMBER: 60/081203  
72 PRIOR FILING DATE: 1998-04-09  
73 PRIOR APPLICATION NUMBER: 60/081229

74 PRIOR FILING DATE: 1998-04-09  
75 PRIOR APPLICATION NUMBER: 60/081955  
76 PRIOR FILING DATE: 1998-04-15  
77 PRIOR APPLICATION NUMBER: 60/081817  
78 PRIOR FILING DATE: 1998-04-15  
79 PRIOR APPLICATION NUMBER: 60/081819  
80 PRIOR FILING DATE: 1998-04-15  
81 PRIOR APPLICATION NUMBER: 60/081952  
82 PRIOR FILING DATE: 1998-04-15  
83 PRIOR APPLICATION NUMBER: 60/081838  
84 PRIOR FILING DATE: 1998-04-15  
85 PRIOR APPLICATION NUMBER: 60/082568  
86 PRIOR FILING DATE: 1998-04-21  
87 PRIOR APPLICATION NUMBER: 60/082569  
88 PRIOR FILING DATE: 1998-04-21  
89 PRIOR APPLICATION NUMBER: 60/082704  
90 PRIOR FILING DATE: 1998-04-22  
91 PRIOR APPLICATION NUMBER: 60/082804  
92 PRIOR FILING DATE: 1998-04-22  
93 PRIOR APPLICATION NUMBER: 60/082700  
94 PRIOR FILING DATE: 1998-04-22  
95 PRIOR APPLICATION NUMBER: 60/082797  
96 PRIOR FILING DATE: 1998-04-22  
97 PRIOR APPLICATION NUMBER: 60/082796  
98 PRIOR FILING DATE: 1998-04-23  
99 PRIOR APPLICATION NUMBER: 60/083336  
100 PRIOR FILING DATE: 1998-04-27  
101 PRIOR APPLICATION NUMBER: 60/083322  
102 PRIOR FILING DATE: 1998-04-28  
103 PRIOR APPLICATION NUMBER: 60/083392  
104 PRIOR FILING DATE: 1998-04-29  
105 PRIOR APPLICATION NUMBER: 60/083495  
106 PRIOR FILING DATE: 1998-04-29  
107 PRIOR APPLICATION NUMBER: 60/083496  
108 PRIOR FILING DATE: 1998-04-29  
109 PRIOR APPLICATION NUMBER: 60/083499  
110 PRIOR FILING DATE: 1998-04-29  
111 PRIOR APPLICATION NUMBER: 60/083545  
112 PRIOR FILING DATE: 1998-04-29  
113 PRIOR APPLICATION NUMBER: 60/083554  
114 PRIOR FILING DATE: 1998-04-29  
115 PRIOR APPLICATION NUMBER: 60/083558  
116 PRIOR FILING DATE: 1998-04-29  
117 PRIOR APPLICATION NUMBER: 60/083559  
118 PRIOR FILING DATE: 1998-04-29  
119 PRIOR APPLICATION NUMBER: 60/083500  
120 PRIOR FILING DATE: 1998-04-29  
121 PRIOR APPLICATION NUMBER: 60/083742  
122 PRIOR FILING DATE: 1998-04-30  
123 PRIOR APPLICATION NUMBER: 60/084366  
124 PRIOR FILING DATE: 1998-05-05  
125 PRIOR APPLICATION NUMBER: 60/084414  
126 PRIOR FILING DATE: 1998-05-06  
127 PRIOR APPLICATION NUMBER: 60/084441  
128 PRIOR FILING DATE: 1998-05-06  
129 PRIOR APPLICATION NUMBER: 60/084637  
130 PRIOR FILING DATE: 1998-05-07  
131 PRIOR APPLICATION NUMBER: 60/084639  
132 PRIOR FILING DATE: 1998-05-07  
133 PRIOR APPLICATION NUMBER: 60/084640  
134 PRIOR FILING DATE: 1998-05-07  
135 PRIOR APPLICATION NUMBER: 60/084598  
136 PRIOR FILING DATE: 1998-05-07  
137 PRIOR APPLICATION NUMBER: 60/084600  
138 PRIOR FILING DATE: 1998-05-07  
139 PRIOR APPLICATION NUMBER: 60/084627  
140 PRIOR FILING DATE: 1998-05-07  
141 PRIOR APPLICATION NUMBER: 60/084643  
142 PRIOR FILING DATE: 1998-05-07  
143 PRIOR APPLICATION NUMBER: 60/085339  
144 PRIOR FILING DATE: 1998-05-13  
145 PRIOR APPLICATION NUMBER: 60/085338  
146 PRIOR FILING DATE: 1998-05-13

; PRIOR APPLICATION NUMBER: 60/085323  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085582  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085689  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKSLWRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLOADDGKIVIP 180  
DB 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLOADDGKIVIP 180  
QY 181 QSKPEIQYAPHLQEPNTLRESLSKMSYLOKNSQAHNFLEDGESDGLFCLSLNSGM 240  
DB 181 QSKPEIQYAPHLQEPNTLRESLSKMSYLOKNSQAHNFLEDGESDGLFCLSLNSGM 240  
QY 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHEERAGPLPTKYNLAHSEI 323

## RESULT 93

US-10-016-177A-330  
; Sequence 330, Application US/10016177A  
; Publication No. US20030073131A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC90  
; CURRENT APPLICATION NUMBER: US/10/016,177A  
; CURRENT FILING DATE: 2002-04-30  
; Prior application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 330  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-016-177A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKSLWRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLOADDGKIVIP 180  
DB 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLOADDGKIVIP 180  
QY 181 QSKPEIQYAPHLQEPNTLRESLSKMSYLOKNSQAHNFLEDGESDGLFCLSLNSGM 240  
DB 181 QSKPEIQYAPHLQEPNTLRESLSKMSYLOKNSQAHNFLEDGESDGLFCLSLNSGM 240  
QY 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHEERAGPLPTKYNLAHSEI 323

## RESULT 94

US-10-121-045-272  
; Sequence 272, Application US/10121045  
; Publication No. US20030073210A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330RIC8

;; CURRENT APPLICATION NUMBER: US/10/121,045  
;; CURRENT FILING DATE: 2002-04-11  
;; Prior Application removed - See File Wrapper or Palm  
;; NUMBER OF SEQ ID NOS: 550  
;; SEQ ID NO 272  
;; LENGTH: 323  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-121-045-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
Db	1	MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
QY	61	YKPEELVACQRCGLFISICQFVDDGIDLNTKLCESACTEAYSQSDQYACHLGCQNG	120
Db	61	YKPEELVACQRCGLFISICQFVDDGIDLNTKLCESACTEAYSQSDQYACHLGCQNG	120
QY	121	LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF	180
Db	121	LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF	180
QY	181	QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSNSGW	240
Db	181	QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSNSGW	240
QY	241	ILTTTLVLSVNVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
Db	241	ILTTTLVLSVNVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
QY	301	SKTEDHEEAGPLPTKVNLAHSEI	323
Db	301	SKTEDHEEAGPLPTKVNLAHSEI	323

RESULT 95  
US-10-123-292-272

;; Sequence 272, Application US/10123292  
;; Publication No. US20030073211A1

GENERAL INFORMATION:

;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Beresini, Maureen  
;; APPLICANT: DeForge, Laura  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Sherwood, Steven  
;; APPLICANT: Smith, Victoria  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Watanabe, Colin K  
;; APPLICANT: Wood, William  
;; APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C32

CURRENT APPLICATION NUMBER: US/10/123,292  
CURRENT FILING DATE: 2002-04-15

Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272

LENGTH: 323  
TYPE: PRT

ORGANISM: Homo Sapien

US-10-123-292-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
Db	1	MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
QY	61	YKPEELVACQRCGLFISICQFVDDGIDLNTKLCESACTEAYSQSDQYACHLGCQNG	120
Db	61	YKPEELVACQRCGLFISICQFVDDGIDLNTKLCESACTEAYSQSDQYACHLGCQNG	120
QY	121	LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF	180
Db	121	LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF	180
QY	181	QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSNSGW	240
Db	181	QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSNSGW	240
QY	241	ILTTTLVLSVNVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
Db	241	ILTTTLVLSVNVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
QY	301	SKTEDHEEAGPLPTKVNLAHSEI	323
Db	301	SKTEDHEEAGPLPTKVNLAHSEI	323

RESULT 96

US-10-123-903-272

;; Sequence 272, Application US/10123903  
;; Publication No. US20030073212A1

GENERAL INFORMATION:

;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Beresini, Maureen  
;; APPLICANT: DeForge, Laura  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Sherwood, Steven  
;; APPLICANT: Smith, Victoria  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Watanabe, Colin K  
;; APPLICANT: Wood, William  
;; APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C51

CURRENT APPLICATION NUMBER: US/10/123,903  
CURRENT FILING DATE: 2002-04-16

Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272

LENGTH: 323  
TYPE: PRT

ORGANISM: Homo Sapien

US-10-123-903-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
Db	1	MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT	60



QY 61 YPKEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
QY 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

## RESULT 97

US-10-124-819-272  
; Sequence 272, Application US/10124819  
; Publication No. US20030073213A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C65  
; CURRENT APPLICATION NUMBER: US/10/124,819  
; CURRENT FILING DATE: 2002-04-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-124-819-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSWVRITQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSWVRITQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
QY 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323

DB 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
RESULT 98  
US-10-124-822-272  
; Sequence 272, Application US/10124822  
; Publication No. US20030073214A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C64  
; CURRENT APPLICATION NUMBER: US/10/124,822  
; CURRENT FILING DATE: 2002-04-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-124-822-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSWVRITQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSWVRITQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
QY 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323

b 301 SKTEDHEEAGPLTKVNLHSEI 323

## RESULT 99

S-10-140-925-272

Sequence 272, Application US/10140925

Publication No. US20030073215A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Deenoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C187

CURRENT APPLICATION NUMBER: US/10/140,925

CURRENT FILING DATE: 2002-05-07

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-140-925-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60

b 1 MAAPKGSLSWRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60

Y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120

b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120

Y 121 LPFAELRQELMSLMPKHLPLTLVRSPWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

b 121 LPFAELRQELMSLMPKHLPLTLVRSPWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

b 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

Y 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEOKLNRYPASSLVVVR 300

b 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEOKLNRYPASSLVVVR 300

Y 301 SKTEDHEEAGPLTKVNLHSEI 323

b 301 SKTEDHEEAGPLTKVNLHSEI 323

## RESULT 100

S-10-160-498-272

Sequence 272, Application US/10160498

Publication No. US20030073216A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Deenoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C451

CURRENT APPLICATION NUMBER: US/10/160,498

CURRENT FILING DATE: 2002-05-30

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-160-498-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60

Db 1 MAAPKGSLSWRTQLGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120

Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120

Qy 121 LPFAELRQELMSLMPKHLPLTLVRSPWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQELMSLMPKHLPLTLVRSPWSDMDSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

Qy 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEOKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEOKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLTKVNLHSEI 323

Db 301 SKTEDHEEAGPLTKVNLHSEI 323

## RESULT 101

US-10-124-824-272

Sequence 272, Application US/10124824

Publication No. US20030077659A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Deenoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

```
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC68
; CURRENT APPLICATION NUMBER: US/10/124,824
; CURRENT FILING DATE: 2002-04-17
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-124-824-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLAVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKSLAVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120
QY 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFSDMDMSAQSFITSSWTYFLQADGKIVIF 180
DB 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFSDMDMSAQSFITSSWTYFLQADGKIVIF 180
QY 181 QSKPFIQYAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPFIQYAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLBPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLBPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHAGPLPTKVNLAHSEI 323

RESULT 102
US-10-127-825A-272
; Sequence 272, Application US/10127825A
; Publication No. US2003007710A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC68
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; FILE REFERENCE: P3330RIC84
; CURRENT APPLICATION NUMBER: US/10/127,825A
; CURRENT FILING DATE: 2002-04-22
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-825A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLAVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKSLAVRTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120
QY 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFSDMDMSAQSFITSSWTYFLQADGKIVIF 180
DB 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFSDMDMSAQSFITSSWTYFLQADGKIVIF 180
QY 181 QSKPFIQYAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPFIQYAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLBPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLBPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHAGPLPTKVNLAHSEI 323

RESULT 103
US-10-127-829A-272
; Sequence 272, Application US/10127829A
; Publication No. US2003007711A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
```

APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C85  
CURRENT APPLICATION NUMBER: US/10/127,829A  
CURRENT FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-127-829A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSLLWVTRTQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSLLWVTRTQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
2Y 61 YPKEELVACQRCGLPFCIQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKEELVACQRCGLPFCIQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
2Y 121 LPFAELROQLMSLMPKXKHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELROQLMSLMPKXKHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
2Y 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGEDGFLRCLSLNSGW 240  
Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGEDGFLRCLSLNSGW 240  
2Y 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
2Y 301 SKTEDEHREAGPLTKVNLHSEI 323  
Db 301 SKTEDEHREAGPLTKVNLHSEI 323

RESULT 104  
JS-10-127-835A-272

Sequence 272, Application US/10127835A  
Publication No. US20030077712A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C102  
CURRENT APPLICATION NUMBER: US/10/127,835A  
CURRENT FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-127-835A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVTRTQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSLLWVTRTQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELVACQRCGLPFCIQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKEELVACQRCGLPFCIQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELROQLMSLMPKXKHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELROQLMSLMPKXKHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGEDGFLRCLSLNSGW 240  
Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGEDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSSI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSSI 323  
RESULT 105  
US-10-127-839A-272  
; Sequence 272, Application US/10127839A  
; Publication No. US2003007713A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C105  
; CURRENT APPLICATION NUMBER: US/10/127,839A  
; PRIOR FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059588  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-127-839A-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1,4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 NAAAPKGSIAWRTQGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 NAAAPKGSIAWRTQGLPPLLLTALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120

DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSPWSDMDSAQSFTTSSWTFYLOADDGKIYIF 180  
DB 121 LPFAELRQEQQLMSLMPKMHLLFPLTLVRSPWSDMDSAQSFTTSSWTFYLOADDGKIYIF 180  
QY 181 QSKPEIOYAPHLEBQPTNLRESSLSKSYLCMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIOYAPHLEBQPTNLRESSLSKSYLCMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
RESULT 106  
US-10-127-901A-272  
; Sequence 272, Application US/10127901A  
; Publication No. US2003007714A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C86  
; CURRENT APPLICATION NUMBER: US/10/127,901A  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059588  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien



; PRIOR APPLICATION NUMBER: 60/059113
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059115
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059117
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059122
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059184
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059352
 ; PRIOR FILING DATE: 1997-09-19
 ; PRIOR APPLICATION NUMBER: 60/059588
 ; PRIOR FILING DATE: 1997-09-19
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 272
 ; LENGTH: 323
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ;
 US-10-131-813A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
 Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;
 Matches 323; Conservative 0; Mismatches 0;

QY	1	MAAPKGSWVRVQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
Db	1	MAAPKGSWVRVQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
QY	61	YKBEELVACQGCGLFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQ	120
Db	61	YKBEELVACQGCGLFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQ	120
QY	121	LPFAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSPITSSWTFFYLQADGKIVIF	180
Db	121	LPFAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSPITSSWTFFYLQADGKIVIF	180
QY	181	QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDCSGDFLRLCLSLNSGW	240
Db	181	QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDCSGDFLRLCLSLNSGW	240
QY	241	ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR	300
Db	241	ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR	300
QY	301	SKTEDHEEAGPLPTKVNLAHSEI	323
Db	301	SKTEDHEEAGPLPTKVNLAHSEI	323

RESULT 109  
 US-10-131-813A-272  
 ; Sequence 272, Application US/10131818A  
 ; Publication No. US2003007717A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William
 ; APPLICANT: Zhang, Zemin
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
 ; FILE REFERENCE: P3330R1C141
 ; CURRENT APPLICATION NUMBER: US/10/131.818A
 ; CURRENT FILING DATE: 2002-10-17
 ; PRIOR APPLICATION NUMBER: 60/049911
 ; PRIOR FILING DATE: 1997-06-18
 ; PRIOR APPLICATION NUMBER: 60/056974
 ; PRIOR FILING DATE: 1997-08-26
 ; PRIOR APPLICATION NUMBER: 60/059113
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059115
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059117
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059122
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059184
 ; PRIOR FILING DATE: 1997-09-17
 ; PRIOR APPLICATION NUMBER: 60/059263
 ; PRIOR FILING DATE: 1997-09-18
 ; PRIOR APPLICATION NUMBER: 60/059352
 ; PRIOR FILING DATE: 1997-09-19
 ; PRIOR APPLICATION NUMBER: 60/059588
 ; PRIOR FILING DATE: 1997-09-19
 ; Remaining Prior Application data removed - See File Wrapper or PALM.
 ; NUMBER OF SEQ ID NOS: 550
 ; SEQ ID NO 272
 ; LENGTH: 323
 ; TYPE: PRT
 ; ORGANISM: Homo Sapien
 ;
 US-10-131-818A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
 Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;
 Matches 323; Conservative 0; Mismatches 0;

QY	1	MAAPKGSWVRVQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
Db	1	MAAPKGSWVRVQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
QY	61	YKBEELVACQGCGLFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQ	120
Db	61	YKBEELVACQGCGLFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQ	120
QY	121	LPFAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSPITSSWTFFYLQADGKIVIF	180
Db	121	LPFAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSPITSSWTFFYLQADGKIVIF	180
QY	181	QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDCSGDFLRLCLSLNSGW	240
Db	181	QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDCSGDFLRLCLSLNSGW	240
QY	241	ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR	300
Db	241	ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR	300
QY	301	SKTEDHEEAGPLPTKVNLAHSEI	323
Db	301	SKTEDHEEAGPLPTKVNLAHSEI	323

RESULT 110  
 US-10-131-823A-272  
 ; Sequence 272, Application US/10131823A  
 ; Publication No. US2003007718A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C143  
CURRENT APPLICATION NUMBER: US/10/131,823A  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-131-823A-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
2Y 1 MAAPKGSILWRTQLGLPPLLLITWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
2b 1 MAAPKGSILWRTQLGLPPLLLITWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
2Y 61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLCQCNQ 120  
2b 61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLCQCNQ 120  
2Y 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
2b 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
2Y 181 QSKPEIOYAPHEQPTNLRESSLSKMSYLOXNRSQAHNRFLEGGSDGFLRCLSLNSGW 240  
2b 181 QSKPEIOYAPHEQPTNLRESSLSKMSYLOXNRSQAHNRFLEGGSDGFLRCLSLNSGW 240  
2Y 241 ILTTTLVLSVNLWLCICATVATAVEQYVSEKLSIYGDLEFNNEKLNRYPASSLVVVR 300  
2b 241 ILTTTLVLSVNLWLCICATVATAVEQYVSEKLSIYGDLEFNNEKLNRYPASSLVVVR 300  
2Y 301 SKTEDEEAGPLPTKVNLAHSEI 323  
2b 301 SKTEDEEAGPLPTKVNLAHSEI 323

RESULT 111  
US-10-131-824A-272  
Publication No. US20030077719A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C126  
CURRENT APPLICATION NUMBER: US/10/131,824A  
CURRENT FILING DATE: 2002-04-24  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-131-824A-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWRTQLGLPPLLLITWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSILWRTQLGLPPLLLITWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLCQCNQ 120  
Db 61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLCQCNQ 120  
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
Db 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180





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; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-837A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRVQLGLPPLLLTALAGSGGTAGAAFPDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSWVRVQLGLPPLLLTALAGSGGTAGAAFPDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKBELVACQCGCKLFISICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120
DB 61 YPKBELVACQCGCKLFISICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120
QY 121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDQKIVIF 180
DB 121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDQKIVIF 180
QY 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSG 240
DB 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSG 240
QY 241 ILTTTLVLSWVLLMCCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSWVLLMCCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323
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RESULT 114
US-10-137-872A-272
; Sequence 272, Application US/10137872A
; Publication No. US2003007722A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C150
; CURRENT APPLICATION NUMBER: US/10/137, 872A
; CURRENT FILING DATE: 2002-05-03
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
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; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-872A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRVQLGLPPLLLTALAGSGGTAGAAFPDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSWVRVQLGLPPLLLTALAGSGGTAGAAFPDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKBELVACQCGCKLFISICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120
DB 61 YPKBELVACQCGCKLFISICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120
QY 121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDQKIVIF 180
DB 121 LPPAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLAQDQKIVIF 180
QY 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSG 240
DB 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSG 240
QY 241 ILTTTLVLSWVLLMCCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSWVLLMCCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323
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RESULT 115
US-10-147-500-272
; Sequence 272, Application US/10147500
; Publication No. US2003007723A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C325
; CURRENT APPLICATION NUMBER: US/10/147,500
; CURRENT FILING DATE: 2002-05-16
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; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-147-500-272

Query Match  
Best Local Similarity 100.0%; Score 1694; DB 14; Length 323;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTRAYSDQYACHLGCNQ 120  
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTRAYSDQYACHLGCNQ 120  
QY 121 LPFAELRQEQLSLMPKQHLPLTLVRSPWSDMDSASFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQEQLSLMPKQHLPLTLVRSPWSDMDSASFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQAYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQAYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVWVLLTCCATVATAVEQYVPSEKLSYIGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWVLLTCCATVATAVEQYVPSEKLSYIGDLEFPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEEAGPLTKVNLHSEI 323  
DB 301 SKTEDEEAGPLTKVNLHSEI 323

## RESULT 116

US-10-147-502-272  
; Sequence 272, Application US/10147502  
; Publication No. US2003007724A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC326  
; CURRENT APPLICATION NUMBER: US/10/147,502  
; CURRENT FILING DATE: 2002-05-16  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-147-502-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTRAYSDQYACHLGCNQ 120  
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTRAYSDQYACHLGCNQ 120  
QY 121 LPFAELRQEQLSLMPKQHLPLTLVRSPWSDMDSASFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQEQLSLMPKQHLPLTLVRSPWSDMDSASFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQAYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQAYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVWVLLTCCATVATAVEQYVPSEKLSYIGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWVLLTCCATVATAVEQYVPSEKLSYIGDLEFPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEEAGPLTKVNLHSEI 323  
DB 301 SKTEDEEAGPLTKVNLHSEI 323

## RESULT 117

US-10-147-515-272  
; Sequence 272, Application US/10147515  
; Publication No. US2003007725A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC342  
; CURRENT APPLICATION NUMBER: US/10/147,515  
; CURRENT FILING DATE: 2002-05-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-147-515-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTRAYSDQYACHLGCNQ 120

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Db 61 YPKBELYACQGCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
Qy 121 LPFAELRQQLMSLMPKXMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQQLMSLMPKXMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDEHREAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHREAGPLPTKVNLAHSEI 323

RESULT 118
US-10-147-517-272
; Sequence 272, Application US/10147517
; Publication No. US20030077726A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C337
; CURRENT APPLICATION NUMBER: US/10/147,517
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-517-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSILWVRTQLGLPPLLLLTWALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLLTWALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
Qy 61 YPKBELYACQGCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
Db 61 YPKBELYACQGCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
Qy 121 LPFAELRQQLMSLMPKXMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQQLMSLMPKXMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDEHREAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHREAGPLPTKVNLAHSEI 323
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Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDEHREAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHREAGPLPTKVNLAHSEI 323

RESULT 119
US-10-147-526-272
; Sequence 272, Application US/10147526
; Publication No. US20030077727A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C343
; CURRENT APPLICATION NUMBER: US/10/147,526
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-526-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSILWVRTQLGLPPLLLLTWALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLLTWALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
Qy 61 YPKBELYACQGCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
Db 61 YPKBELYACQGCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
Qy 121 LPFAELRQQLMSLMPKXMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQQLMSLMPKXMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDEHREAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHREAGPLPTKVNLAHSEI 323
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RESULT 120  
US-10-147-527-272  
; Sequence 272, Application US/10147527  
; Publication No. US2003007728A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Goddard, Mary E.  
; APPLICANT: Goddard, Paul J.  
; APPLICANT: Goddard, Steven  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Tamas, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C353  
; CURRENT FILING DATE: 2002-05-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-147-527-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGLWVRQLGHPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
Db 1 MAAPKGLWVRQLGHPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
Qy 61 YPKREELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120  
Db 61 YPKREELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120  
Qy 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTYFLOADDGKIYIF 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTYFLOADDGKIYIF 180  
Qy 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHAGPLPTKVNLAHSEI 323  
RESULT 121  
US-10-121-041-272  
; Sequence 272, Application US/10121041  
; Publication No. US2003007776A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Goddard, Mary E.  
; APPLICANT: Goddard, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Tamas, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C353  
; CURRENT FILING DATE: 2002-05-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-121-041-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGLWVRQLGHPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
Db 1 MAAPKGLWVRQLGHPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
Qy 61 YPKREELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120  
Db 61 YPKREELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120  
Qy 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTYFLOADDGKIYIF 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTYFLOADDGKIYIF 180  
Qy 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHAGPLPTKVNLAHSEI 323

APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Goddard, Steven  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Tamas, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C9  
CURRENT FILING DATE: 2002-04-11  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-121-041-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGLWVRQLGHPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
Db 1 MAAPKGLWVRQLGHPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
Qy 61 YPKREELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120  
Db 61 YPKREELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120  
Qy 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTYFLOADDGKIYIF 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTYFLOADDGKIYIF 180  
Qy 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHAGPLPTKVNLAHSEI 323  
RESULT 122  
US-10-121-043-272  
; Sequence 272, Application US/10121043  
; Publication No. US2003007777A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Goddard, Mary E.  
; APPLICANT: Goddard, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Tamas, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C9  
; CURRENT FILING DATE: 2002-04-11  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-121-041-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGLWVRQLGHPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
Db 1 MAAPKGLWVRQLGHPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
Qy 61 YPKREELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120  
Db 61 YPKREELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120  
Qy 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTYFLOADDGKIYIF 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTYFLOADDGKIYIF 180  
Qy 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHAGPLPTKVNLAHSEI 323  
RESULT 123  
US-10-121-041-272  
; Sequence 272, Application US/10121041  
; Publication No. US2003007776A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Goddard, Mary E.  
; APPLICANT: Goddard, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Tamas, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C353  
; CURRENT FILING DATE: 2002-05-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-147-527-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGLWVRQLGHPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
Db 1 MAAPKGLWVRQLGHPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
Qy 61 YPKREELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120  
Db 61 YPKREELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120  
Qy 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTYFLOADDGKIYIF 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTYFLOADDGKIYIF 180  
Qy 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHAGPLPTKVNLAHSEI 323

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C15  
CURRENT APPLICATION NUMBER: US/10/121,043  
CURRENT FILING DATE: 2002-04-12  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-121-043-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSLSWRTQGLPPELLLTWALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
2b 1 MAAPKGSLSWRTQGLPPELLLTWALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60

2Y 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLGCQ 120  
2b 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLGCQ 120

2Y 121 LPFAELRQEQQLMSLMPKWHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180  
2b 121 LPFAELRQEQQLMSLMPKWHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180

2Y 181 QSKPEIQVAPLEQEPNLRRESSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240  
2b 181 QSKPEIQVAPLEQEPNLRRESSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240

2Y 241 ILTTLVLVSMVLWICCATVATAVEQVPSSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
2b 241 ILTTLVLVSMVLWICCATVATAVEQVPSSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300

2Y 301 SKTEDHREAGPLPTKVNLAHSEI 323  
2b 301 SKTEDHREAGPLPTKVNLAHSEI 323

RESULT 123  
US-10-121-047-272  
; Sequence 272, Application US/10121047  
; Publication No. US2003007778A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C4  
; CURRENT APPLICATION NUMBER: US/10/121,047

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C15  
CURRENT APPLICATION NUMBER: US/10/121,043  
CURRENT FILING DATE: 2002-04-12  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-121-047-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPELLLTWALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSLSWRTQGLPPELLLTWALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLGCQ 120  
Db 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDBOYACHLGCQ 120

QY 121 LPFAELRQEQQLMSLMPKWHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180  
Db 121 LPFAELRQEQQLMSLMPKWHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDKIVIF 180

QY 181 QSKPEIQVAPLEQEPNLRRESSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240  
Db 181 QSKPEIQVAPLEQEPNLRRESSLSKMSYLQMRNSQAHNFLEDSGDFLRLCLSLNSGW 240

QY 241 ILTTLVLVSMVLWICCATVATAVEQVPSSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
Db 241 ILTTLVLVSMVLWICCATVATAVEQVPSSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300

QY 301 SKTEDHREAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHREAGPLPTKVNLAHSEI 323

RESULT 124  
US-10-123-215-272  
; Sequence 272, Application US/10123215  
; Publication No. US2003007778A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C41  
; CURRENT APPLICATION NUMBER: US/10/123,215  
; CURRENT FILING DATE: 2002-04-15  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-123-215-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKEELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120

QY 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIYIF 180  
DB 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIYIF 180

QY 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLQNRNSQAHNFLEDGESDGFRLCRLSLSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLQNRNSQAHNFLEDGESDGFRLCRLSLSGW 240

QY 241 ILTTTULVSWMLLWTCATVATVEQYVPSKLSIYGDLEFPMNQKLNRYPASSLWVR 300  
DB 241 ILTTTULVSWMLLWTCATVATVEQYVPSKLSIYGDLEFPMNQKLNRYPASSLWVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 125  
US-10-123-902-272  
; Sequence 272, Application US/10123902  
; Publication No. US2003007781A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C47  
; CURRENT APPLICATION NUMBER: US/10/123,902  
; CURRENT FILING DATE: 2002-04-16  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-123-902-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120

DB 61 YPKEELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120

QY 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIYIF 180  
DB 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIYIF 180

QY 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLQNRNSQAHNFLEDGESDGFRLCRLSLSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLQNRNSQAHNFLEDGESDGFRLCRLSLSGW 240

QY 241 ILTTTULVSWMLLWTCATVATVEQYVPSKLSIYGDLEFPMNQKLNRYPASSLWVR 300  
DB 241 ILTTTULVSWMLLWTCATVATVEQYVPSKLSIYGDLEFPMNQKLNRYPASSLWVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKEELYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120

QY 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIYIF 180  
DB 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIYIF 180

QY 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLQNRNSQAHNFLEDGESDGFRLCRLSLSGW 240

181 QSKPEIQYAPHEQPTNLRSSLSKMSYLGMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVNLVLMICCATVATAVEQYVPSKLSIYGDLDFNNEOKLNRYPASSLWVVR 300  
241 ILTTTLVLSVNLVLMICCATVATAVEQYVPSKLSIYGDLDFNNEOKLNRYPASSLWVVR 300  
301 SKTEDEEAGPLPTKVNLAHSEI 323  
301 SKTEDEEAGPLPTKVNLAHSEI 323

## RESULT 127

US-10-123-909-272

; Sequence 272, Application US/10123909

; Publication No. US2003007783A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Goddard, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C49

; CURRENT APPLICATION NUMBER: US/10/123,909

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-123-909-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSILWVRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGSILWVRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
61 YPKSEELYACORGCLPESICQFVDDGDIDLRNTKLECSACTEAYSQSDQYACHLGCONQ 120  
61 YPKSEELYACORGCLPESICQFVDDGDIDLRNTKLECSACTEAYSQSDQYACHLGCONQ 120  
121 LPPAELRQEQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPPAELRQEQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQYAPHEQPTNLRSSLSKMSYLGMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHEQPTNLRSSLSKMSYLGMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVNLVLMICCATVATAVEQYVPSKLSIYGDLDFNNEOKLNRYPASSLWVVR 300  
241 ILTTTLVLSVNLVLMICCATVATAVEQYVPSKLSIYGDLDFNNEOKLNRYPASSLWVVR 300  
301 SKTEDEEAGPLPTKVNLAHSEI 323  
301 SKTEDEEAGPLPTKVNLAHSEI 323

## RESULT 128

US-10-123-910-272

; Sequence 272, Application US/10123910

; Publication No. US2003007784A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Goddard, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C45

; CURRENT APPLICATION NUMBER: US/10/123,910

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-123-910-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSILWVRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGSILWVRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
61 YPKSEELYACORGCLPESICQFVDDGDIDLRNTKLECSACTEAYSQSDQYACHLGCONQ 120  
61 YPKSEELYACORGCLPESICQFVDDGDIDLRNTKLECSACTEAYSQSDQYACHLGCONQ 120  
121 LPPAELRQEQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPPAELRQEQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQYAPHEQPTNLRSSLSKMSYLGMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHEQPTNLRSSLSKMSYLGMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVNLVLMICCATVATAVEQYVPSKLSIYGDLDFNNEOKLNRYPASSLWVVR 300  
241 ILTTTLVLSVNLVLMICCATVATAVEQYVPSKLSIYGDLDFNNEOKLNRYPASSLWVVR 300  
301 SKTEDEEAGPLPTKVNLAHSEI 323  
301 SKTEDEEAGPLPTKVNLAHSEI 323

## RESULT 129

US-10-124-813-272

; Sequence 272, Application US/10124813

; Publication No. US2003007785A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen



; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C67  
; CURRENT APPLICATION NUMBER: US/10/124,813  
; CURRENT FILING DATE: 2002-04-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-124-813-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKSLWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPPAELRQQLMSLMPKMLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIVIF 180  
DB 121 LPPAELRQQLMSLMPKMLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLNQNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLNQNSQAHNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLWVVR 300  
DB 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLWVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 130  
US-10-124-817-272  
; Sequence 272, Application US/10124817  
; Publication No. US20030077786A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C73

; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C56  
; CURRENT APPLICATION NUMBER: US/10/124,817  
; CURRENT FILING DATE: 2002-04-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-124-817-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKSLWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPPAELRQQLMSLMPKMLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIVIF 180  
DB 121 LPPAELRQQLMSLMPKMLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLNQNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLNQNSQAHNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLWVVR 300  
DB 241 ILTTTLVLSVMVLLWTCATVATVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLWVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 131  
US-10-125-922-272  
; Sequence 272, Application US/10125922  
; Publication No. US20030077787A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C73

CURRENT APPLICATION NUMBER: US/10/125,922

CURRENT FILING DATE: 2002-04-19

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-125-922-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

DB 1 MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKKEELYACORGCLRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

DB 61 YPKKEELYACORGCLRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

QY 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

DB 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240

DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240

QY 241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

DB 241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 132

US-10-125-924-272

Sequence 272, Application US/10125924

Publication No. US2003007789A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C75

CURRENT APPLICATION NUMBER: US/10/125,924

CURRENT FILING DATE: 2002-04-19

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-125-924-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

DB 1 MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKKEELYACORGCLRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

DB 61 YPKKEELYACORGCLRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

QY 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

DB 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240

DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240

QY 241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

DB 241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 133

US-10-140-860-272

Sequence 272, Application US/10140860

Publication No. US2003007789A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C189

CURRENT APPLICATION NUMBER: US/10/140,860

CURRENT FILING DATE: 2002-05-07

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-140-860-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

DB 1 MAAPKGSLSWRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

```
QY 61 YPKBELYACQGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120
DB 61 YPKBELYACQGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFABLRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180
DB 121 LPFABLRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180
QY 181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLQMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
DB 181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLQMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
DB 241 ILTTTLVLSVMVLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLTKVNLHSEI 323
DB 301 SKTEDHEEAGPLTKVNLHSEI 323
RESULT 134
US-10-142-417-272
; Sequence 272, Application US/10142417
; Publication No. US2003007790A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Collin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C232
; CURRENT APPLICATION NUMBER: US/10/142,417
; CURRENT FILING DATE: 2002-05-09
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-417-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVRLTQLGLPPLLLLTWALAGSGGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSILWVRLTQLGLPPLLLLTWALAGSGGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKBELYACQGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120
DB 61 YPKBELYACQGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFABLRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180
DB 121 LPFABLRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180
QY 181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLQMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
DB 181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLQMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
DB 241 ILTTTLVLSVMVLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLTKVNLHSEI 323
DB 301 SKTEDHEEAGPLTKVNLHSEI 323
```

```
DB 181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLQMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
DB 241 ILTTTLVLSVMVLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLTKVNLHSEI 323
DB 301 SKTEDHEEAGPLTKVNLHSEI 323
RESULT 135
US-10-147-519-272
; Sequence 272, Application US/10147519
; Publication No. US2003007779A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Collin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C346
; CURRENT APPLICATION NUMBER: US/10/147,519
; CURRENT FILING DATE: 2002-05-17
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-519-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSILWVRLTQLGLPPLLLLTWALAGSGGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSILWVRLTQLGLPPLLLLTWALAGSGGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKBELYACQGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120
DB 61 YPKBELYACQGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFABLRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180
DB 121 LPFABLRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180
QY 181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLQMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
DB 181 QSKPEIQVAPHLQEPNTLRESSLSKMSYLQMRNSQAHRNFLDGEDSGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
DB 241 ILTTTLVLSVMVLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLTKVNLHSEI 323
DB 301 SKTEDHEEAGPLTKVNLHSEI 323
```

b 301 SKTEDHEAGPLPTKVNLAHSEI 323

## RESULT 136

IS-10-157-782-272

Sequence 272, Application US/10157782

Publication No. US2003007792A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C431

CURRENT APPLICATION NUMBER: US/10/157,782

CURRENT FILING DATE: 2002-05-29

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

IS-10-157-782-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60

Y 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60

Y 61 YPKREELYACQRCGLFESICQFVDDGIDLNRKLECSACTEAYSQSDSOYACHLGCQ 120

Y 61 YPKREELYACQRCGLFESICQFVDDGIDLNRKLECSACTEAYSQSDSOYACHLGCQ 120

Y 121 LPPAELRQELMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Y 121 LPPAELRQELMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQYAPHEQPTNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240

Y 181 QSKPEIQYAPHEQPTNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240

Y 241 ILTTTLVSVVLLWVICCATVATAVEQYVPSKLSIYGDLEFNFNEQKLNRYPASSLWVR 300

Y 241 ILTTTLVSVVLLWVICCATVATAVEQYVPSKLSIYGDLEFNFNEQKLNRYPASSLWVR 300

Y 301 SKTEDHEAGPLPTKVNLAHSEI 323

Y 301 SKTEDHEAGPLPTKVNLAHSEI 323

## RESULT 137

IS-10-152-395-272

Sequence 272, Application US/10152395

Publication No. US2003007837A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C405  
CURRENT APPLICATION NUMBER: US/10/152,395  
CURRENT FILING DATE: 2002-05-21  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-152-395-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKREELYACQRCGLFESICQFVDDGIDLNRKLECSACTEAYSQSDSOYACHLGCQ 120

Db 61 YPKREELYACQRCGLFESICQFVDDGIDLNRKLECSACTEAYSQSDSOYACHLGCQ 120

QY 121 LPPAELRQELMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPPAELRQELMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHEQPTNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240

Db 181 QSKPEIQYAPHEQPTNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVSVVLLWVICCATVATAVEQYVPSKLSIYGDLEFNFNEQKLNRYPASSLWVR 300

Db 241 ILTTTLVSVVLLWVICCATVATAVEQYVPSKLSIYGDLEFNFNEQKLNRYPASSLWVR 300

QY 301 SKTEDHEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEAGPLPTKVNLAHSEI 323

## RESULT 138

US-10-125-926A-272

Sequence 272, Application US/10125926A

Publication No. US20030082686A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

```
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C80
CURRENT APPLICATION NUMBER: US/10/125,926A
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-125-926A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;
Matches 323; Conservative 0; Mismatches 0;

QY 1 MAAPKSLWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
DB 1 MAAPKSLWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120
DB 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKXHLFPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKXHLFPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLINSQW 240
DB 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLINSQW 240
QY 241 ILTTTLVLSVWLLWICCATVATAVQYVPSEKLSIYGDLEFPMNEOKLNRYPASSIVVVR 300
DB 241 ILTTTLVLSVWLLWICCATVATAVQYVPSEKLSIYGDLEFPMNEOKLNRYPASSIVVVR 300
QY 301 SKTEDEEAGFLPTKVNLAHSEI 323
DB 301 SKTEDEEAGFLPTKVNLAHSEI 323
```

RESULT 139

US-10-125-930A-272

; Sequence 272, Application US/10125930A

; Publication No. US20030082687A1

```
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C78
CURRENT APPLICATION NUMBER: US/10/125,930A
CURRENT FILING DATE: 2002-04-19
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-125-930A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;
Matches 323; Conservative 0; Mismatches 0;

QY 1 MAAPKSLWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
DB 1 MAAPKSLWVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120
DB 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120
QY 121 LPFAELRQELMSLMPKXHLFPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQELMSLMPKXHLFPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLINSQW 240
DB 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLINSQW 240
QY 241 ILTTTLVLSVWLLWICCATVATAVQYVPSEKLSIYGDLEFPMNEOKLNRYPASSIVVVR 300
DB 241 ILTTTLVLSVWLLWICCATVATAVQYVPSEKLSIYGDLEFPMNEOKLNRYPASSIVVVR 300
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yb 241 ILTTTLVLSVNVLLWICATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEAGPLPTKVNLAHSEI 323
db 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 140
US-10-127-831A-272
; Sequence 272, Application US/10127831A
; Publication No. US20030082689A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Inc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C107
; CURRENT APPLICATION NUMBER: US/10/127.831A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-17
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-831A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSUWRTQGLPPLILLITWALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60
DB 1 MAAPKGSUWRTQGLPPLILLITWALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60
QY 61 YPKEELVACGRCGLFSCIPVDGIDLNTKLECSACTEAYSQSDQYACHLGCONQ 120
DB 61 YPKEELVACGRCGLFSCIPVDGIDLNTKLECSACTEAYSQSDQYACHLGCONQ 120
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QY 121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIOYAPHLEQEPNTNRESSLSKMSYLOMNSQAHNRNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIOYAPHLEQEPNTNRESSLSKMSYLOMNSQAHNRNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVNVLLWICATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVNVLLWICATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 141
US-10-127-837A-272
; Sequence 272, Application US/10127837A
; Publication No. US20030082690A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Inc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C96
; CURRENT APPLICATION NUMBER: US/10/127.837A
; CURRENT FILING DATE: 2002-10-17
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-837A-272
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Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRQLGEPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKSLWVRQLGEPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120

QY 121 LPPAEIRQQLMSLAPKXHLFPPLTLVRSFWSDMDSAQSPITSSWTFFYLQADDGKIVIP 180  
DB 121 LPPAEIRQQLMSLAPKXHLFPPLTLVRSFWSDMDSAQSPITSSWTFFYLQADDGKIVIP 180

QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLVQRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLVQRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300

QY 301 SKTEDHEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHEAGPLPTKYNLAHSEI 323

## RESULT 142

US-10-127-838B-272  
; Sequence 272, Application US/10127838B  
; Publication No. US20030082691A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P33301C98  
; CURRENT FILING DATE: 2002-04-22  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-127-838B-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRQLGEPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKSLWVRQLGEPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120  
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNQ 120

QY 121 LPPAEIRQQLMSLAPKXHLFPPLTLVRSFWSDMDSAQSPITSSWTFFYLQADDGKIVIP 180  
DB 121 LPPAEIRQQLMSLAPKXHLFPPLTLVRSFWSDMDSAQSPITSSWTFFYLQADDGKIVIP 180

QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLVQRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLVQRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300

QY 301 SKTEDHEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHEAGPLPTKYNLAHSEI 323

RESULT 143  
US-10-127-842A-272  
; Sequence 272, Application US/10127842A  
; Publication No. US20030082692A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P33301C100  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059115  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/059117  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/059122  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/059184  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/059263  
 ; PRIOR FILING DATE: 1997-09-18  
 ; PRIOR APPLICATION NUMBER: 60/059352  
 ; PRIOR FILING DATE: 1997-09-19  
 ; PRIOR APPLICATION NUMBER: 60/059588  
 ; PRIOR FILING DATE: 1997-09-19  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 272  
 ; LENGTH: 323  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 JS-10-127-842A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Y 1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHACOLTYPLHT 60  
 b 1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHACOLTYPLHT 60  
 Y 61 YPKEEELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 b 61 YPKEEELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 Y 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 b 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 Y 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 b 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 Y 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSKLSIYGDLEFNMEOQLNRYPASSLVVVR 300  
 b 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSKLSIYGDLEFNMEOQLNRYPASSLVVVR 300  
 Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 144

JS-10-127-843A-272  
 Sequence 272, Application US/10127843A  
 Publication No. US20030082693A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330RIC99  
 ; CURRENT APPLICATION NUMBER: US/10/127,843A  
 ; CURRENT FILING DATE: 2002-04-22  
 ; PRIOR APPLICATION NUMBER: 60/049911  
 ; PRIOR FILING DATE: 1997-06-18  
 ; PRIOR APPLICATION NUMBER: 60/056974  
 ; PRIOR FILING DATE: 1997-08-26  
 ; PRIOR APPLICATION NUMBER: 60/059113  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/059115  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/059117  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/059122  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/059184  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/059263  
 ; PRIOR FILING DATE: 1997-09-18  
 ; PRIOR APPLICATION NUMBER: 60/059352  
 ; PRIOR FILING DATE: 1997-09-19  
 ; PRIOR APPLICATION NUMBER: 60/059588  
 ; PRIOR FILING DATE: 1997-09-19  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 272  
 ; LENGTH: 323  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 US-10-127-843A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHACOLTYPLHT 60  
 Db 1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHACOLTYPLHT 60  
 QY 61 YPKEEELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 Db 61 YPKEEELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
 QY 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 Db 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 QY 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSKLSIYGDLEFNMEOQLNRYPASSLVVVR 300  
 Db 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSKLSIYGDLEFNMEOQLNRYPASSLVVVR 300  
 QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 145

US-10-127-845A-272  
 Sequence 272, Application US/10127845A  
 Publication No. US20030082694A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang



RESULT 146  
US-10-127-846A-272  
; Publication 272, Application US/10127846A  
; Sequence No. US20030082695A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C93  
; CURRENT APPLICATION NUMBER: US/10/127,845A  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-127-845A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKEELYACQRCRFLSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
Db 61 YPKEELYACQRCRFLSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120

Qy 121 LPFAELRQBLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTYLOADDGKIVIF 180  
Db 121 LPFAELRQBLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEOEPNLRESLSQMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEOEPNLRESLSQMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWTCATATAVEQYVPSEKLSIYGDLEFNMOKLNRYTPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATATAVEQYVPSEKLSIYGDLEFNMOKLNRYTPASSLVVVR 300

Qy 301 SKTEDEHAGPLPTKYNLAHSEI 323  
Db 301 SKTEDEHAGPLPTKYNLAHSEI 323

RESULT 146  
US-10-127-846A-272  
; Publication 272, Application US/10127846A  
; Sequence No. US20030082695A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C94  
; CURRENT APPLICATION NUMBER: US/10/127,846A  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-127-846A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKEELYACQRCRFLSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
Db 61 YPKEELYACQRCRFLSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120

Qy 121 LPFAELRQBLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTYLOADDGKIVIF 180  
Db 121 LPFAELRQBLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEOEPNLRESLSQMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEOEPNLRESLSQMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQVAPHEOEPTNLRESLSKMSYLQMRNSQAHRRNFLEGGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVMVLLMIICATVATAVEQVPSSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLMIICATVATAVEQVPSSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 147  
US-10-127-848A-272  
; Sequence 272, Application US/10127848A  
; Publication No. US20030082696A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C106  
; CURRENT APPLICATION NUMBER: US/10/127,848A  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien

JS-10-127-848A-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLSWRTQLGLPPLLLTALAGGGSTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
1 MAAPKGLSWRTQLGLPPLLLTALAGGGSTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKREELVACORGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120  
DB 61 YPKREELVACORGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120  
QY 121 LPPAELRQEQLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQEQLSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHEOEPTNLRESLSKMSYLQMRNSQAHRRNFLEGGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHEOEPTNLRESLSKMSYLQMRNSQAHRRNFLEGGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMIICATVATAVEQVPSSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMIICATVATAVEQVPSSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 148  
US-10-127-849A-272  
; Sequence 272, Application US/10127849A  
; Publication No. US20030082697A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C103  
; CURRENT APPLICATION NUMBER: US/10/127,849A  
; CURRENT FILING DATE: 2002-04-23  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SEQ ID NO 272  
; LENGTH: 323

```

; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-849A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLLWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKBELVACQRCGLFSICQFVDDGIDLNKLECSACTEAYSQSDQYACHLGCQ 120
DB 61 YPKBELVACQRCGLFSICQFVDDGIDLNKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFABLRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDQKIVIF 180
DB 121 LPFABLRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDQKIVIF 180
QY 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
DB 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 149
US-10-127-850A-272
; Sequence 272, Application US/10127850A
; Publication No. US20030082698A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC110
; CURRENT APPLICATION NUMBER: US/10/127,850A
; CURRENT FILING DATE: 2002-10-15
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
```

```

; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-850A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLLWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKBELVACQRCGLFSICQFVDDGIDLNKLECSACTEAYSQSDQYACHLGCQ 120
DB 61 YPKBELVACQRCGLFSICQFVDDGIDLNKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFABLRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDQKIVIF 180
DB 121 LPFABLRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDQKIVIF 180
QY 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
DB 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFLRLCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 150
US-10-127-851A-272
; Sequence 272, Application US/10127851A
; Publication No. US20030082699A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC87
; CURRENT APPLICATION NUMBER: US/10/127,851A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
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PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-127-851A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSUWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
DB 1 MAAPKGSUWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
QY 61 YKKEELVACORGCELFSICOFVDDGIDLNRKLECSACTEAYSQSDQYACHGCONQ 120  
DB 61 YKKEELVACORGCELFSICOFVDDGIDLNRKLECSACTEAYSQSDQYACHGCONQ 120  
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDBSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDBSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 151

US-10-128-684A-272  
Sequence 272, Application US/10128684A  
Publication No. US20030082700A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DePorge, Laura  
APPLICANT: Deanoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel  
APPLICANT: Matanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C118  
CURRENT APPLICATION NUMBER: US/10/128,684A  
CURRENT FILING DATE: 2002-04-23  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-128-684A-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSUWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
DB 1 MAAPKGSUWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
QY 61 YKKEELVACORGCELFSICOFVDDGIDLNRKLECSACTEAYSQSDQYACHGCONQ 120  
DB 61 YKKEELVACORGCELFSICOFVDDGIDLNRKLECSACTEAYSQSDQYACHGCONQ 120  
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDBSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDBSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 152

US-10-128-686A-272  
Sequence 272, Application US/10128686A  
Publication No. US20030082701A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen



b 121 LPPAELRQEQSLMPPKQHLFPFLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
y 181 QSKPEIOYAPHLQEPNTLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIOYAPHLQEPNTLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
y 241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLFPMNEOKLNRYPASSLWVR 300  
b 241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSIYGDLFPMNEOKLNRYPASSLWVR 300  
y 301 SKTEDEEAGPLPTKVNLAHSEI 323  
b 301 SKTEDEEAGPLPTKVNLAHSEI 323

## RESULT 154

US-10-128-691A-272

Sequence 272, Application US/10128691A

Publication No. US20030082703A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

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APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

ORGANISM: Homo Sapien

US-10-128-691A-272

## RESULT 155

US-10-131-819A-272

Sequence 272, Application US/10131819A

Publication No. US20030082704A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

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APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-128-691A-272

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-131-819A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAAPKGSLSWRTQIGLPPILLITWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT	60
DB	1	MAAPKGSLSWRTQIGLPPILLITWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT	60
QY	61	YKREELVACQGGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGQCNQ	120
DB	61	YKREELVACQGGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGQCNQ	120
QY	121	LFPABLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF	180
DB	121	LFPABLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF	180
QY	181	QSKPEIQVAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGFRLCLSLNSGW	240
DB	181	QSKPEIQVAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGFRLCLSLNSGW	240
QY	241	ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
DB	241	ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
QY	301	SKTEDEHREAGPLPTKVNLAHSEI	323
DB	301	SKTEDEHREAGPLPTKVNLAHSEI	323

RESULT 156

US-10-131-829A-272

; Sequence 272, Application US/10131829A  
; Publication No. US20030082705A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C138  
; CURRENT APPLICATION NUMBER: US/10/131,829A  
; PRIOR FILING DATE: 2002-04-27  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-131-829A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAAPKGSLSWRTQIGLPPILLITWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT	60
DB	1	MAAPKGSLSWRTQIGLPPILLITWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT	60
QY	61	YKREELVACQGGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGQCNQ	120
DB	61	YKREELVACQGGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGQCNQ	120
QY	121	LFPABLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF	180
DB	121	LFPABLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF	180
QY	181	QSKPEIQVAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGFRLCLSLNSGW	240
DB	181	QSKPEIQVAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGFRLCLSLNSGW	240
QY	241	ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
DB	241	ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR	300
QY	301	SKTEDEHREAGPLPTKVNLAHSEI	323
DB	301	SKTEDEHREAGPLPTKVNLAHSEI	323

RESULT 157

US-10-131-836A-272

; Sequence 272, Application US/10131836A  
; Publication No. US20030082706A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C135

CURRENT APPLICATION NUMBER: US/10/131,836A

CURRENT FILING DATE: 2002-04-24

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

IS-10-131-836A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

b 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

Y 61 YPKEELYACQRCGLFISICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120

b 61 YPKEELYACQRCGLFISICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120

Y 121 LPFAELRQEQQLMSLMPQHLPLFTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180

b 121 LPFAELRQEQQLMSLMPQHLPLFTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180

Y 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

b 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

Y 241 ILTFTVLVSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVR 300

b 241 ILTFTVLVSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVR 300

Y 301 SKTEDHEEAGPLPTKYNLAHSEI 323

b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 158

JS-10-146-729-272

Sequence 272, Application US/10146729

Publication No. US20030082708A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P330R1C318

CURRENT APPLICATION NUMBER: US/10/146,729

CURRENT FILING DATE: 2002-05-15

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-146-729-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

Db 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKEELYACQRCGLFISICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120

Db 61 YPKEELYACQRCGLFISICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120

Qy 121 LPFAELRQEQQLMSLMPQHLPLFTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180

Db 121 LPFAELRQEQQLMSLMPQHLPLFTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

Qy 241 ILTFTVLVSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVR 300

Db 241 ILTFTVLVSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVR 300

Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 159

US-10-146-791-272

Sequence 272, Application US/10146791

Publication No. US20030082709A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

APPLICANT: Godowski, Paul J.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC



; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C320
; CURRENT APPLICATION NUMBER: US/10/146,791
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-146-791-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
DB 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELROQLMSLMPKXHLLEPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKI 180
DB 121 LPFAELROQLMSLMPKXHLLEPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKI 180
QY 181 QSKPEIQVAPHLQEPPTNLRSSLSKMSYLOMNSQAHRNLEFGSDGFLRCLSLNS 240
DB 181 QSKPEIQVAPHLQEPPTNLRSSLSKMSYLOMNSQAHRNLEFGSDGFLRCLSLNS 240
QY 241 ILTTTLVLSVMVLLWICCATVATVQVVPSEKLSIYGDLEFMNEOKLNRYPASSLV 300
DB 241 ILTTTLVLSVMVLLWICCATVATVQVVPSEKLSIYGDLEFMNEOKLNRYPASSLV 300
QY 301 SKTEDHEEAGPLTKVNLHSEI 323
DB 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 160
US-10-147-484-272
; Sequence 272, Application US/10147484
; Publication No. US20030082710A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C328
; CURRENT APPLICATION NUMBER: US/10/147,484
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT

; ORGANISM: Homo Sapien
US-10-147-484-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
DB 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELROQLMSLMPKXHLLEPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKI 180
DB 121 LPFAELROQLMSLMPKXHLLEPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKI 180
QY 181 QSKPEIQVAPHLQEPPTNLRSSLSKMSYLOMNSQAHRNLEFGSDGFLRCLSLNS 240
DB 181 QSKPEIQVAPHLQEPPTNLRSSLSKMSYLOMNSQAHRNLEFGSDGFLRCLSLNS 240
QY 241 ILTTTLVLSVMVLLWICCATVATVQVVPSEKLSIYGDLEFMNEOKLNRYPASSLV 300
DB 241 ILTTTLVLSVMVLLWICCATVATVQVVPSEKLSIYGDLEFMNEOKLNRYPASSLV 300
QY 301 SKTEDHEEAGPLTKVNLHSEI 323
DB 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 161
US-10-147-508-272
; Sequence 272, Application US/10147508
; Publication No. US20030082711A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C330
; CURRENT APPLICATION NUMBER: US/10/147,508
; CURRENT FILING DATE: 2002-05-16
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-508-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGSILWVETQLGLPPLLLLTWALAGSGTASABAFDSVLGDTASCHACQTYPLHT 60  
61 YPKSEELYACQRCGLFSLICQFVDDGIDLNRKTLKCESACTEAYSQSDQYACHLGCQ 120  
61 YPKSEELYACQRCGLFSLICQFVDDGIDLNRKTLKCESACTEAYSQSDQYACHLGCQ 120  
121 LPPAELRQEQMLMPCXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPPAELRQEQMLMPCXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIOVAPHELEPTNLRSSLSKMSYLQMRNSQAHNRNPLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIOVAPHELEPTNLRSSLSKMSYLQMRNSQAHNRNPLEDGSDGFLRCLSLNSGW 240  
241 ILTTLVLSVNVLLWICCATVATAVEQVFPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
241 ILTTLVLSVNVLLWICCATVATAVEQVFPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
301 SKTDEHEAGPLTKVNLHSEI 323  
301 SKTDEHEAGPLTKVNLHSEI 323

RESULT 162

US-10-147-512-272  
; Sequence 272, Application US/10147512  
; Publication No. US20030082712a1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Pilvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C332  
; CURRENT APPLICATION NUMBER: US/10/147,512  
; CURRENT FILING DATE: 2002-05-16  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-147-512-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWVETQLGLPPLLLLTWALAGSGTASABAFDSVLGDTASCHACQTYPLHT 60  
DB 1 MAAPKGSILWVETQLGLPPLLLLTWALAGSGTASABAFDSVLGDTASCHACQTYPLHT 60  
QY 61 YPKSEELYACQRCGLFSLICQFVDDGIDLNRKTLKCESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKSEELYACQRCGLFSLICQFVDDGIDLNRKTLKCESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPPAELRQEQMLMPCXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQEQMLMPCXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIOVAPHELEPTNLRSSLSKMSYLQMRNSQAHNRNPLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIOVAPHELEPTNLRSSLSKMSYLQMRNSQAHNRNPLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTLVLSVNVLLWICCATVATAVEQVFPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTLVLSVNVLLWICCATVATAVEQVFPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTDEHEAGPLTKVNLHSEI 323  
DB 301 SKTDEHEAGPLTKVNLHSEI 323

RESULT 163

US-10-175-735-272  
; Sequence 272, Application US/10175735  
; Publication No. US20030082715a1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Pilvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C451  
; CURRENT APPLICATION NUMBER: US/10/175,735  
; CURRENT FILING DATE: 2002-06-19  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-175-735-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWVETQLGLPPLLLLTWALAGSGTASABAFDSVLGDTASCHACQTYPLHT 60  
DB 1 MAAPKGSILWVETQLGLPPLLLLTWALAGSGTASABAFDSVLGDTASCHACQTYPLHT 60  
QY 61 YPKSEELYACQRCGLFSLICQFVDDGIDLNRKTLKCESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKSEELYACQRCGLFSLICQFVDDGIDLNRKTLKCESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPPAELRQEQMLMPCXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQEQMLMPCXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIOVAPHELEPTNLRSSLSKMSYLQMRNSQAHNRNPLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIOVAPHELEPTNLRSSLSKMSYLQMRNSQAHNRNPLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTLVLSVNVLLWICCATVATAVEQVFPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTLVLSVNVLLWICCATVATAVEQVFPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 164

US-10-121-040-272

; Sequence 272, Application US/10121040

; Publication No. US20030082759A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P333081C7

; CURRENT APPLICATION NUMBER: US/10/121,040

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-121-040-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQLGLPPELLLLITMALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Db 1 MAAPKGSLSWVRLTQLGLPPELLLLITMALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120

Db 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120

QY 121 LPFAELRQELMSLMPKQHLFPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQELMSLMPKQHLFPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQVAPHLEQBPPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQVAPHLEQBPPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMTCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLWVVR 300

Db 241 ILTTTLVLSVMVLLMTCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 165

US-10-121-056-272

; Sequence 272, Application US/10121056

; Publication No. US20030082760A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P333081C25

; CURRENT APPLICATION NUMBER: US/10/121,056

; CURRENT FILING DATE: 2002-04-12

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-121-056-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQLGLPPELLLLITMALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Db 1 MAAPKGSLSWVRLTQLGLPPELLLLITMALAGSGCTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120

Db 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120

QY 121 LPFAELRQELMSLMPKQHLFPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQELMSLMPKQHLFPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQVAPHLEQBPPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQVAPHLEQBPPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMTCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLWVVR 300

Db 241 ILTTTLVLSVMVLLMTCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 166

US-10-121-061-272

; Sequence 272, Application US/10121061

; Publication No. US20030082761A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 FILE REFERENCE: P3330R1C24

CURRENT APPLICATION NUMBER: US/10/121,061

CURRENT FILING DATE: 2002-04-12

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-123-235-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

y 1 MAAPKGLAVRTOLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
b 1 MAAPKGLAVRTOLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120
y 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
b 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
y 181 QSKPEIQAYAPHLQEPNLRESLSKMSYLQWNSQAHNFLEDGESDGLFRLCLSLNSGW 240
b 181 QSKPEIQAYAPHLQEPNLRESLSKMSYLQWNSQAHNFLEDGESDGLFRLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
y 301 SKTEDHEEAGPLPTKYNLAHSEI 323
b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

```

#### RESULT 167

S-10-123-235-272

Sequence 272, Application US/10123235

Publication No. US20030082762A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 FILE REFERENCE: P3330R1C27

CURRENT APPLICATION NUMBER: US/10/123,235

CURRENT FILING DATE: 2002-04-15

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-123-235-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

Qy 1 MAAPKGLAVRTOLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAPKGLAVRTOLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120
Qy 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
Db 121 LPFAELRQEQLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
Qy 181 QSKPEIQAYAPHLQEPNLRESLSKMSYLQWNSQAHNFLEDGESDGLFRLCLSLNSGW 240
Db 181 QSKPEIQAYAPHLQEPNLRESLSKMSYLQWNSQAHNFLEDGESDGLFRLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

```

#### RESULT 168

US-10-124-818-272

Sequence 272, Application US/10124818

Publication No. US20030082763A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 FILE REFERENCE: P3330R1C62

CURRENT APPLICATION NUMBER: US/10/124,818

CURRENT FILING DATE: 2002-04-17

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

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TYPE: PRT
ORGANISM: Homo Sapien
IS-10-124-818-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

2Y 61 YPKREELVACQRCGLFISICQFVDDGIDLNRKLECESACTEAYSQSDROYACHLGCQ 120
Db 61 YPKREELVACQRCGLFISICQFVDDGIDLNRKLECESACTEAYSQSDROYACHLGCQ 120

2Y 121 LPPAELROEQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELROEQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

2Y 181 QSKPEIQYAPHLQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

2Y 241 ILTTTLVLSVWVLLWICCATVATVAYQVPSKLSIYGDLEFPMNQKLNRYPASSLWVR 300
Db 241 ILTTTLVLSVWVLLWICCATVATVAYQVPSKLSIYGDLEFPMNQKLNRYPASSLWVR 300

2Y 301 SKTDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTDHEEAGPLPTKVNLAHSEI 323

RESULT 169
US-10-137-868-272
; Sequence 272, Application US/10137868
; Publication No. US20030082764A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C152
; CURRENT APPLICATION NUMBER: US/10/137,868
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-868-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

2Y 61 YPKREELVACQRCGLFISICQFVDDGIDLNRKLECESACTEAYSQSDROYACHLGCQ 120
Db 61 YPKREELVACQRCGLFISICQFVDDGIDLNRKLECESACTEAYSQSDROYACHLGCQ 120

2Y 121 LPPAELROEQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELROEQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

2Y 181 QSKPEIQYAPHLQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

2Y 241 ILTTTLVLSVWVLLWICCATVATVAYQVPSKLSIYGDLEFPMNQKLNRYPASSLWVR 300
Db 241 ILTTTLVLSVWVLLWICCATVATVAYQVPSKLSIYGDLEFPMNQKLNRYPASSLWVR 300

2Y 301 SKTDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTDHEEAGPLPTKVNLAHSEI 323

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Db 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKREELVACQRCGLFISICQFVDDGIDLNRKLECESACTEAYSQSDROYACHLGCQ 120
Db 61 YPKREELVACQRCGLFISICQFVDDGIDLNRKLECESACTEAYSQSDROYACHLGCQ 120
QY 121 LPPAELROEQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELROEQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEPNTLRESSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVWVLLWICCATVATVAYQVPSKLSIYGDLEFPMNQKLNRYPASSLWVR 300
Db 241 ILTTTLVLSVWVLLWICCATVATVAYQVPSKLSIYGDLEFPMNQKLNRYPASSLWVR 300
QY 301 SKTDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTDHEEAGPLPTKVNLAHSEI 323

RESULT 170
US-10-147-492-272
; Sequence 272, Application US/10147492
; Publication No. US20030082765A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C347
; CURRENT APPLICATION NUMBER: US/10/147,492
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-492-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKREELVACQRCGLFISICQFVDDGIDLNRKLECESACTEAYSQSDROYACHLGCQ 120
Db 61 YPKREELVACQRCGLFISICQFVDDGIDLNRKLECESACTEAYSQSDROYACHLGCQ 120
QY 121 LPPAELROEQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

```

121 LPFALRQEQQLMSLMPXMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
181 QSKPEIQAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
RESULT 171  
S-10-158-782-272  
Sequence 272, Application US/10158782  
Publication No. US20030082766A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C457  
CURRENT APPLICATION NUMBER: 60/049911  
CURRENT FILING DATE: 2002-05-30  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
Prior Application remove - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
IS-10-158-782-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
61 YPKREELYACORGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
61 YPKREELYACORGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
121 LPFALRQEQQLMSLMPXMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFALRQEQQLMSLMPXMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
181 QSKPEIQAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
RESULT 173  
S-10-123-905-272  
Sequence 272, Application US/10123905  
Publication No. US20030087344A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C48  
CURRENT APPLICATION NUMBER: US/10/123,905  
CURRENT FILING DATE: 2002-04-16  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-123-905-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
61 YPKREELYACORGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
61 YPKREELYACORGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
121 LPFALRQEQQLMSLMPXMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFALRQEQQLMSLMPXMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
181 QSKPEIQAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
RESULT 173

Db 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
RESULT 172  
US-10-123-905-272  
Sequence 272, Application US/10123905  
Publication No. US20030087344A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C48  
CURRENT APPLICATION NUMBER: US/10/123,905  
CURRENT FILING DATE: 2002-04-16  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-123-905-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
61 YPKREELYACORGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
61 YPKREELYACORGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
121 LPFALRQEQQLMSLMPXMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFALRQEQQLMSLMPXMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
181 QSKPEIQAPHLEQEPNTLRSSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
RESULT 173

IS-10-123-907-272  
Sequence 272, Application US/10123907  
Publication No. US20030087345A1  
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C50  
CURRENT APPLICATION NUMBER: US/10/123,907  
CURRENT FILING DATE: 2002-04-15  
Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
IS-10-123-907-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAAPKGSLSWVETQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRA	COLTYPLHT	60
DB	1	MAAPKGSLSWVETQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRA	COLTYPLHT	60
QY	61	YKPEELVACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSD	EQYACHLGCNQ	120
DB	61	YKPEELVACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSD	EQYACHLGCNQ	120
QY	121	LPFAELROELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFY	LOADDQKIVIF	180
DB	121	LPFAELROELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFY	LOADDQKIVIF	180
QY	181	QSKPEIQAPHLEQPTNLRSSLSKMSYLOQRNSQAHRNPLEDGS	SDGFLRCLSLNSGW	240
DB	181	QSKPEIQAPHLEQPTNLRSSLSKMSYLOQRNSQAHRNPLEDGS	SDGFLRCLSLNSGW	240
QY	241	ILTTTLVLSVMVLLHICCATVATAVEQYVPSEKLSIYGDLEFMNEQ	KLNRYPASSLVVVR	300
DB	241	ILTTTLVLSVMVLLHICCATVATAVEQYVPSEKLSIYGDLEFMNEQ	KLNRYPASSLVVVR	300
QY	301	SKTEDEHEAGPLPTKVNLAHSEI	323	
DB	301	SKTEDEHEAGPLPTKVNLAHSEI	323	

RESULT 174  
US-10-124-815-272  
Sequence 272, Application US/10124815  
Publication No. US20030087346A1  
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C57  
CURRENT APPLICATION NUMBER: US/10/124,815  
CURRENT FILING DATE: 2002-04-17  
Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-124-815-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAAPKGSLSWVETQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRA	COLTYPLHT	60
DB	1	MAAPKGSLSWVETQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRA	COLTYPLHT	60
QY	61	YKPEELVACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSD	EQYACHLGCNQ	120
DB	61	YKPEELVACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSD	EQYACHLGCNQ	120
QY	121	LPFAELROELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFY	LOADDQKIVIF	180
DB	121	LPFAELROELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFY	LOADDQKIVIF	180
QY	181	QSKPEIQAPHLEQPTNLRSSLSKMSYLOQRNSQAHRNPLEDGS	SDGFLRCLSLNSGW	240
DB	181	QSKPEIQAPHLEQPTNLRSSLSKMSYLOQRNSQAHRNPLEDGS	SDGFLRCLSLNSGW	240
QY	241	ILTTTLVLSVMVLLHICCATVATAVEQYVPSEKLSIYGDLEFMNEQ	KLNRYPASSLVVVR	300
DB	241	ILTTTLVLSVMVLLHICCATVATAVEQYVPSEKLSIYGDLEFMNEQ	KLNRYPASSLVVVR	300
QY	301	SKTEDEHEAGPLPTKVNLAHSEI	323	
DB	301	SKTEDEHEAGPLPTKVNLAHSEI	323	

RESULT 175  
US-10-125-921A-272  
Sequence 272, Application US/10125921A  
Publication No. US20030087347A1  
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C76  
CURRENT APPLICATION NUMBER: US/10/125,921A  
CURRENT FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-125-921A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60

1 MAAPKGLWRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60

61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120

61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120

121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHEQPTNLRSSLSKMSYLQMNQSAHRNFDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHEQPTNLRSSLSKMSYLQMNQSAHRNFDGSDGFLRCLSLNSGW 240

241 ILATTLVLSVWLLWICCATVATAVEQYVPSKLSIYGDLEFNNQKLNRYPASSLVVVR 300

241 ILATTLVLSVWLLWICCATVATAVEQYVPSKLSIYGDLEFNNQKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKYNLAHSEI 323

301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 176

S-10-125-928A-272

Sequence 272, Application US/10125928A

Publication No. US20030087349A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C77  
CURRENT APPLICATION NUMBER: US/10/125,928A  
CURRENT FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-125-928A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60

1 MAAPKGLWRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60

61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120

61 YPKKEELYACQRCGLPSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120

121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

121 LPFAELRQEQMLSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHEQPTNLRSSLSKMSYLQMNQSAHRNFDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHEQPTNLRSSLSKMSYLQMNQSAHRNFDGSDGFLRCLSLNSGW 240

241 ILATTLVLSVWLLWICCATVATAVEQYVPSKLSIYGDLEFNNQKLNRYPASSLVVVR 300

241 ILATTLVLSVWLLWICCATVATAVEQYVPSKLSIYGDLEFNNQKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKYNLAHSEI 323

301 SKTEDHEEAGPLPTKYNLAHSEI 323



301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 177

US-10-127-821A-272  
; Sequence 272, Application US/10127821A  
; Publication No. US20030087350A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin E.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C92

CURRENT APPLICATION NUMBER: US/10/127,821A

PRIOR FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-127-821A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKSLWRTQGLPPLLLITNALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

1 MAAPKSLWRTQGLPPLLLITNALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

61 YPKBEELYACQGRCPSTICQVDDGIDLNRKLCESACTEAYSQSDEQVACHLGCQNG 120

61 YPKBEELYACQGRCPSTICQVDDGIDLNRKLCESACTEAYSQSDEQVACHLGCQNG 120

121 LPFAELRQBLMSLMPKPKHLLPPLTLVRSFWSMDMDACSFTTSWTFYQADGKIVIF 180

121 LPFAELRQBLMSLMPKPKHLLPPLTLVRSFWSMDMDACSFTTSWTFYQADGKIVIF 180

181 QSKPEIQVAPHELEQPTNLRESSLSKMSYLOMNSQAHNRNFILEDGSDGDFIRCLSLNSGW 240

181 QSKPEIQVAPHELEQPTNLRESSLSKMSYLOMNSQAHNRNFILEDGSDGDFIRCLSLNSGW 240

241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSKLSIYGDLEFMNEQKLNRYPASSLWVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323

301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 178

US-10-127-822A-272

; Sequence 272, Application US/10127822A

; Publication No. US20030087351A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Deforge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C91

CURRENT APPLICATION NUMBER: US/10/127,822A

PRIOR FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-127-822A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
61 YKBEELYACQCGRLFSICQVDDGIDLNRTKLECSACTEAYSQSDEQVACHLGCQNO 120  
61 YKBEELYACQCGRLFSICQVDDGIDLNRTKLECSACTEAYSQSDEQVACHLGCQNO 120  
121 LPFAELRQQLMSLMPKXHLPLTLVRSFMSDMDSQAQSFITSSWTFLYQADDDGKIVIF 180  
121 LPFAELRQQLMSLMPKXHLPLTLVRSFMSDMDSQAQSFITSSWTFLYQADDDGKIVIF 180  
181 QSKPEIQYAPHLEQBPFTNLRESLSKMSYLVQWNSQAHNFLEDGESDGFRLCLSLNSGW 240  
181 QSKPEIQYAPHLEQBPFTNLRESLSKMSYLVQWNSQAHNFLEDGESDGFRLCLSLNSGW 240  
241 ILTTTLVLSVMVLLWICCATVATAVEQVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLWICCATVATAVEQVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
301 SKTEDHERAGPLPTKVNLAHSEI 323  
301 SKTEDHERAGPLPTKVNLAHSEI 323

ESULT 179  
S-10-127-824A-272  
Sequence 272, Application US/10127824A  
Publication No. US20030087352A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C82  
CURRENT APPLICATION NUMBER: US/10/127,824A  
PRIOR FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-127-824A-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YKBEELYACQCGRLFSICQVDDGIDLNRTKLECSACTEAYSQSDEQVACHLGCQNO 120  
DB 61 YKBEELYACQCGRLFSICQVDDGIDLNRTKLECSACTEAYSQSDEQVACHLGCQNO 120  
QY 121 LPFAELRQQLMSLMPKXHLPLTLVRSFMSDMDSQAQSFITSSWTFLYQADDDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKXHLPLTLVRSFMSDMDSQAQSFITSSWTFLYQADDDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPFTNLRESLSKMSYLVQWNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPFTNLRESLSKMSYLVQWNSQAHNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHERAGPLPTKVNLAHSEI 323  
RESULT 180  
US-10-127-826A-272  
Sequence 272, Application US/10127826A  
Publication No. US20030087353A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C90  
CURRENT APPLICATION NUMBER: US/10/127,826A  
CURRENT FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059283  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-127-826A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKSLWRTQLGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKSLWRTQLGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKSEELYACQRCGLPFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKSEELYACQRCGLPFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELQEQMLSPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELQEQMLSPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHELEQPTNLRESLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHELEQPTNLRESLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 181  
US-10-127-827A-272  
Sequence 272, Application US/10127827A  
Publication No. US20030087354A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C83  
CURRENT APPLICATION NUMBER: US/10/127,827A

CURRENT FILING DATE: 2002-10-16  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-127-827A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKSLWRTQLGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKSLWRTQLGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKSEELYACQRCGLPFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKSEELYACQRCGLPFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELQEQMLSPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELQEQMLSPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHELEQPTNLRESLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHELEQPTNLRESLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 182  
US-10-127-828A-272  
Sequence 272, Application US/10127828A  
Publication No. US20030087355A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C101  
CURRENT APPLICATION NUMBER: US/10/127,828A

PRIOR FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-127-828A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKSLVTRQLGLPPLILLTALAGSGTASAEFVSLGDTASCHRACOLTYPLHT 60

b 1 MAAPKSLVTRQLGLPPLILLTALAGSGTASAEFVSLGDTASCHRACOLTYPLHT 60

Y 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120

b 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120

Y 121 LPPAELRQQLMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180

b 121 LPPAELRQQLMSLMPKMLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIP 180

Y 181 QSKPEIQYAPHLEQEPPTNLRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240

b 181 QSKPEIQYAPHLEQEPPTNLRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240

Y 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSKLSIYGDLEFPMNOKLNRYPASSLVVVR 300

b 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSKLSIYGDLEFPMNOKLNRYPASSLVVVR 300

Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323

b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 183

S-10-127-830A-272

Sequence 272, Application US/10127830A

Publication No. US20030087356A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C112

CURRENT APPLICATION NUMBER: US/10/127,830A

PRIOR FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

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PRIOR APPLICATION NUMBER: 60/059588

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PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHREAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHREAGPLPTKVNLAHSEI 323

RESULT 184  
US-10-127-832A-272  
; Sequence 272, Application US/10127832A  
; Publication No. US20030087357A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C109  
; CURRENT APPLICATION NUMBER: US/10/127,832A  
; PRIOR FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien

US-10-127-832A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1,4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTQLGLPPLLTLTALAGSGGTASAAEPDSVLGGTASCHACOLTYPLEHT 60  
Db 1 MAAPKGSILWVTRTQLGLPPLLTLTALAGSGGTASAAEPDSVLGGTASCHACOLTYPLEHT 60

QY 61 YPKKEELVACQRCRLSICQFVDDGIDLNRKLECECSACTEAYSQSDQYACHGACQNG 120  
Db 61 YPKKEELVACQRCRLSICQFVDDGIDLNRKLECECSACTEAYSQSDQYACHGACQNG 120

QY 121 LPFAELROELMSLMPKQHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDKIVIF 180  
Db 121 LPFAELROELMSLMPKQHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHRNPLEDGSDDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTLRESSLSKMSYLOMRNSQAHRNPLEDGSDDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHREAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHREAGPLPTKVNLAHSEI 323

RESULT 185  
US-10-127-833A-272  
; Sequence 272, Application US/10127833A  
; Publication No. US20030087358A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C95  
; CURRENT APPLICATION NUMBER: US/10/127,833A  
; PRIOR FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien

US-10-127-833A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKSLWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKSLWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Y 61 YPKEEELYACQRCGLFSLICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCONQ 120  
b 61 YPKEEELYACQRCGLFSLICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCONQ 120

Y 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADGKIVIP 180  
b 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADGKIVIP 180

Y 181 QSKPEIQAYAPHLQEPTNLRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240  
b 181 QSKPEIQAYAPHLQEPTNLRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240

Y 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

Y 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
b 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 186  
3-10-127-834A-272  
Sequence 272, Application US/10127834A  
Publication No. US20030087359A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Tamas, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C113  
CURRENT APPLICATION NUMBER: US/10127, 834A  
CURRENT FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352

; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-127-834A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKSLWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCONQ 120  
DB 61 YPKEEELYACQRCGLFSLICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCONQ 120

QY 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADGKIVIP 180  
DB 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADGKIVIP 180

QY 181 QSKPEIQAYAPHLQEPTNLRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240  
DB 181 QSKPEIQAYAPHLQEPTNLRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 187  
US-10-127-836A-272  
; Sequence 272, Application US/10127836A  
; Publication No. US20030087360A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Tamas, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C97  
CURRENT APPLICATION NUMBER: US/10127, 836A  
CURRENT FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17

```
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-836A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSLSWVTLQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
db 1 MAAPKGSLSWVTLQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

2y 61 YPKREELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120
db 61 YPKREELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120

2y 121 LPFAELROQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
db 121 LPFAELROQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

2y 181 QSKPEIQVAPHLQEPNLRSSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240
db 181 QSKPEIQVAPHLQEPNLRSSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240

2y 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300
db 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300

2y 301 SKTEDEHEAGPLPTKVNLAHSEI 323
db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 188
US-10-127-841A-272
; Sequence 272, Application US/10127841A
; Publication No. US20030087361A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
```

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; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C108
; CURRENT APPLICATION NUMBER: US/10/127,841A
; CURRENT FILING DATE: 2002-10-15
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-127-841A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVTLQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAPKGSLSWVTLQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

Qy 61 YPKREELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120
Db 61 YPKREELVACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCNQ 120

Qy 121 LPFAELROQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELROQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQVAPHLQEPNLRSSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQVAPHLQEPNLRSSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240

Qy 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLWVVR 300

Qy 301 SKTEDEHEAGPLPTKVNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 189
US-10-127-844A-272
; Sequence 272, Application US/10127844A
; Publication No. US20030087362A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
```

APPLICANT:	Gerritsen, Mary E.
APPLICANT:	Godward, Audrey
APPLICANT:	Godowski, Paul J.
APPLICANT:	Gurney, Austin L.
APPLICANT:	Sherrwood, Steven
APPLICANT:	Smith, Victoria
APPLICANT:	Stewart, Timothy A.
APPLICANT:	Tumas, Daniel
APPLICANT:	Watanabe, Collin K
APPLICANT:	Wood, William
APPLICANT:	Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C104  
CURRENT APPLICATION NUMBER: US/10/127,844A

CURRENT FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1987 08 17

PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/

PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17

PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/

PRIOR FILING DATE: 1997-09-17  
PUBLICATION NUMBER: 60/039117

PRIOR APPLICATION NUMBER: 60/

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/

PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059353

PRIOR APPLICATION NUMBER: 60/  
PRIOR FILING DATE: 1997-09-19

PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588

PRIOR APPLICATION NUMBER: 607  
PRIOR FILING DATE: 1997-09-19

### Remaining Prior Application data removed

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT  
ORGANISM: H.

ORGANISM: *HO-*  
-10-137-8448-

-10-127-844A-2

Query Match

### Best Local Similarity

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

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Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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1 MAAPKGSIWVPTOLGLPBLTLLTMAIAGCSCTSSAEAFDSVIGDTASCHPA COLTYPI ET 60

I MAAAPKGSUWVR TQGLPPELLLIMALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKGSINWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

[illegible]

61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCNQ 120

[illegible]

61 YPKBEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120

121 LPEAELBOEOLMSLMPKMHILPEPLTIYRSEWSDMMDSAOSEFTSSNTEYIQAADDGKIYTF 180

121 ZFFASLRQSQMSLMEFNHIDHFPUILVRKFSWSDMDSAQSF1SSWFIPLQADDGRVIF 180

121 LPPAELRQEQMLSPKMHLLFPPLTLVRSFWSDDMDSAQSFITSSWTFYQLQADDGKIVIF 180

100

181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLMRNSQAHNFLEDGESDGLRCLSLNSGW 240



181 QSKPEIQVAPHELEPTNLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSNSGW 240  
241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFVNEOKLNRYPASSLWVVR 300  
241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFVNEOKLNRYPASSLWVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 191  
US-10-128-688A-272  
; Sequence 272, Application US/10128688A  
; Publication No. US20030087364A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Goddard, Paul J.  
; APPLICANT: Goddard, Steven  
; APPLICANT: Goddard, William  
; APPLICANT: Goddard, Zemin  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C125  
; CURRENT APPLICATION NUMBER: US/10/128,688A  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-128-688A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKGSUWVTVQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGSUWVTVQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELROBQSLMPKXWLLPPLTLVRSFWSMDMSAQSPFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELROBQSLMPKXWLLPPLTLVRSFWSMDMSAQSPFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHELEPTNLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSNSGW 240  
DB 181 QSKPEIQVAPHELEPTNLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFVNEOKLNRYPASSLWVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFVNEOKLNRYPASSLWVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 192  
US-10-128-689A-272  
; Sequence 272, Application US/10128689A  
; Publication No. US20030087365A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Goddard, Paul J.  
; APPLICANT: Goddard, Steven  
; APPLICANT: Goddard, William  
; APPLICANT: Goddard, Zemin  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C117  
; CURRENT APPLICATION NUMBER: US/10/128,689A  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323

TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-128-689A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Y 61 YPKBEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120  
b 61 YPKBEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120

Y 121 LPFAELRQEQLSLMPKXHLFPPLTLVRSFWSMDMSAQSFTTSSWTFYLOADDQKIVIF 180  
b 121 LPFAELRQEQLSLMPKXHLFPPLTLVRSFWSMDMSAQSFTTSSWTFYLOADDQKIVIF 180

Y 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
b 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

Y 241 ILTTTLVLSWVLLWTCATVATAVEQYVPSKLSYIGDLEFWMNQKLNRYPASSLAVVR 300  
b 241 ILTTTLVLSWVLLWTCATVATAVEQYVPSKLSYIGDLEFWMNQKLNRYPASSLAVVR 300

Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 193  
S-10-128-694A-272  
Sequence 272, Application US/10128694A  
Publication No. US20030087366A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P333ORIC121  
CURRENT APPLICATION NUMBER: US/10/128,694A  
CURRENT FILING DATE: 2002-10-15  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-128-694A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKBEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120  
DB 61 YPKBEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNO 120

QY 121 LPFAELRQEQLSLMPKXHLFPPLTLVRSFWSMDMSAQSFTTSSWTFYLOADDQKIVIF 180  
DB 121 LPFAELRQEQLSLMPKXHLFPPLTLVRSFWSMDMSAQSFTTSSWTFYLOADDQKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSWVLLWTCATVATAVEQYVPSKLSYIGDLEFWMNQKLNRYPASSLAVVR 300  
DB 241 ILTTTLVLSWVLLWTCATVATAVEQYVPSKLSYIGDLEFWMNQKLNRYPASSLAVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 194  
US-10-131-825A-272  
Sequence 272, Application US/10131825A  
Publication No. US20030087367A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P333ORIC133  
CURRENT APPLICATION NUMBER: US/10/131,825A  
CURRENT FILING DATE: 2002-10-17  
PRIOR FILING DATE: 1997-06-18

; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059134  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
JS-10-131-825A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
Y 1 MAAPKGSILWVRLTGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
D 1 MAAPKGSILWVRLTGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Y 61 YPKHEELIYACQRCGLRFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQ 120  
D 61 YPKHEELIYACQRCGLRFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQ 120  
Y 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180  
D 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180  
Y 181 QSKPEIQVAPHLQEPNTLRSSLSKMSYLOMRNSQAHNFLEDSGSDGFLRCLSLNSGW 240  
D 181 QSKPEIQVAPHLQEPNTLRSSLSKMSYLOMRNSQAHNFLEDSGSDGFLRCLSLNSGW 240  
Y 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEOKLNRYPASSLVVVR 300  
D 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEOKLNRYPASSLVVVR 300  
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
D 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 195  
US-10-230-417-272  
; Sequence 272, Application US/10230417  
; Publication No. US20030087385A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C461  
; CURRENT APPLICATION NUMBER: US/10/230,417  
; CURRENT FILING DATE: 2002-08-28  
; PRIOR APPLICATION NUMBER: US 10/028,072  
; PRIOR FILING DATE: 2001-12-19  
; PRIOR APPLICATION NUMBER: PCT/US00/32678  
; PRIOR FILING DATE: 2000-12-01  
; PRIOR APPLICATION NUMBER: US 60/170,262  
; PRIOR FILING DATE: 1999-12-09  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-230-417-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
QY 1 MAAPKGSILWVRLTGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSILWVRLTGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKHEELIYACQRCGLRFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKHEELIYACQRCGLRFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYQLQADDGKIVIF 180  
QY 181 QSKPEIQVAPHLQEPNTLRSSLSKMSYLOMRNSQAHNFLEDSGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLQEPNTLRSSLSKMSYLOMRNSQAHNFLEDSGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFVNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 196  
US-10-131-815A-272  
; Sequence 272, Application US/10131815A  
; Publication No. US20030092103A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C145

CURRENT FILING DATE: 2002-04-24

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-131-815A-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 14; Length 323;

Mismatches 0; Indels 0; Gaps 0;

Mismatches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKSLWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKSLWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKREELVACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120

61 YPKREELVACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120

121 LPFAELRQQLMSLAPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180

121 LPFAELRQQLMSLAPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180

181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSG 240

181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSG 240

241 ILTTTLVLSVWLLMTCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVV 300

241 ILTTTLVLSVWLLMTCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVV 300

301 SKTEDEHEAGPLPTKVNLAHSEI 323

301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 197

S-10-131-817A-272

Sequence 272, Application US/10131817A

Publication No. US20030092104A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Garney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C129

CURRENT FILING DATE: 2002-10-15

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-131-817A-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 14; Length 323;

Mismatches 0; Indels 0; Gaps 0;

Mismatches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKSLWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

1 MAAPKSLWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

61 YPKREELVACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120

61 YPKREELVACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120

121 LPFAELRQQLMSLAPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180

121 LPFAELRQQLMSLAPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180

181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSG 240

181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSG 240

241 ILTTTLVLSVWLLMTCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVV 300

241 ILTTTLVLSVWLLMTCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVV 300

301 SKTEDEHEAGPLPTKVNLAHSEI 323

301 SKTEDEHEAGPLPTKVNLAHSEI 323

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RESULT 198
US-10-131-821A-272
; Sequence 272, Application US/10131821A
; Publication No. US20030092105A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C138
; CURRENT APPLICATION NUMBER: US/10/131.821A
; PRIOR FILING DATE: 2002-04-23
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-821A-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;
Matches 323; Conservative 0; Mismatches 0;
QY 1 MAAPKGSWVRVLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60
DB 1 MAAPKGSWVRVLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60
QY 61 YKBEELACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
DB 61 YKBEELACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQQLMSLMPKMLLPFLVRSFWSMDMDSQAQSFITSSWTFYLOADGKIVIF 180
DB 121 LPFAELRQQLMSLMPKMLLPFLVRSFWSMDMDSQAQSFITSSWTFYLOADGKIVIF 180
QY 181 QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240

RESULT 199
US-10-131-822A-272
; Sequence 272, Application US/10131822A
; Publication No. US20030092106A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C127
; CURRENT APPLICATION NUMBER: US/10/131.822A
; PRIOR FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-822A-272
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;
Matches 323; Conservative 0; Mismatches 0;
QY 1 MAAPKGSWVRVLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60
DB 1 MAAPKGSWVRVLTQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60
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y 61 YPKEEELIYACORCRLPFSICQFVDDGIDLNRKYLECESACTRAYSQSDQEOYACHLGCQNO 120
b 61 YPKEEELIYACORCRLPFSICQFVDDGIDLNRKYLECESACTRAYSQSDQEOYACHLGCQNO 120
y 121 LPFAELRQEQSLMSPKMHLLPFLTLVRSFNSDMDSQAQSPFITSSWTFYLOADDGKIYIF 180
b 121 LPFAELRQEQSLMSPKMHLLPFLTLVRSFNSDMDSQAQSPFITSSWTFYLOADDGKIYIF 180
y 181 QSKPEIQYAPHLQEQPTNLRESLSKMSYLOMNSQAHRNPFLEDSGDFLCLSLNSGW 240
b 181 QSKPEIQYAPHLQEQPTNLRESLSKMSYLOMNSQAHRNPFLEDSGDFLCLSLNSGW 240
y 241 ILTTTLVLSVMVLLTCCATVATAVAQYVPSEKLSIYGDLRFNNEQKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVMVLLTCCATVATAVAQYVPSEKLSIYGDLRFNNEQKLNRYPASSLWVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 200
US-10-131-828A-272
Sequence 272, Application US/10131828A
Publication No. US20030092107A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCES: P3330R1C140
CURRENT FILING DATE: 2002-04-24
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059263
PRIOR FILING DATE: 1997-09-18
PRIOR APPLICATION NUMBER: 60/059352
PRIOR FILING DATE: 1997-09-19
PRIOR APPLICATION NUMBER: 60/059588
PRIOR FILING DATE: 1997-09-19
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323

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; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-828A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLAWRTQGLPPLILLTMAAGSGGTASARAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGLAWRTQGLPPLILLTMAAGSGGTASARAFDSVLGDTASCHRAQCLTYPLHT 60
Qy 61 YPKEEELIYACORCRLPFSICQFVDDGIDLNRKYLECESACTRAYSQSDQEOYACHLGCQNO 120
Db 61 YPKEEELIYACORCRLPFSICQFVDDGIDLNRKYLECESACTRAYSQSDQEOYACHLGCQNO 120
Qy 121 LPFAELRQEQSLMSPKMHLLPFLTLVRSFNSDMDSQAQSPFITSSWTFYLOADDGKIYIF 180
Db 121 LPFAELRQEQSLMSPKMHLLPFLTLVRSFNSDMDSQAQSPFITSSWTFYLOADDGKIYIF 180
Qy 181 QSKPEIQYAPHLQEQPTNLRESLSKMSYLOMNSQAHRNPFLEDSGDFLCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEQPTNLRESLSKMSYLOMNSQAHRNPFLEDSGDFLCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLTCCATVATAVAQYVPSEKLSIYGDLRFNNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVMVLLTCCATVATAVAQYVPSEKLSIYGDLRFNNEQKLNRYPASSLWVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 201
US-10-131-835A-272
Sequence 272, Application US/10131835A
Publication No. US20030092108A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCES: P3330R1C132
CURRENT FILING DATE: 2002-10-15
PRIOR APPLICATION NUMBER: 60/049911
PRIOR FILING DATE: 1997-06-18
PRIOR APPLICATION NUMBER: 60/056974
PRIOR FILING DATE: 1997-08-26
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059115
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059117
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059122
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/059184

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; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-835A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAAAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAAAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
DB 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQQLMSLMPKWHLLPFLTLVRSFWSMDMSAQSFITSSWTFYQADDKIVIF 180
DB 121 LPFAELRQQLMSLMPKWHLLPFLTLVRSFWSMDMSAQSFITSSWTFYQADDKIVIF 180
QY 121 LPFAELRQQLMSLMPKWHLLPFLTLVRSFWSMDMSAQSFITSSWTFYQADDKIVIF 180
DB 121 LPFAELRQQLMSLMPKWHLLPFLTLVRSFWSMDMSAQSFITSSWTFYQADDKIVIF 180
QY 181 QSKPEIQYAPHLQEPNTLNRESLSKMSVLOMNSQAHNFLEDGESDGLFRLCLSLNSG 240
DB 181 QSKPEIQYAPHLQEPNTLNRESLSKMSVLOMNSQAHNFLEDGESDGLFRLCLSLNSG 240
QY 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 202
US-10-137-864A-272
; Sequence 272, Application US/10137864A
; Publication No. US20030092110A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330R1C148
; CURRENT APPLICATION NUMBER: US/10/137,864A
; PRIOR FILING DATE: 2002-05-02
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18

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; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-137-864A-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAAAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAAAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
DB 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQQLMSLMPKWHLLPFLTLVRSFWSMDMSAQSFITSSWTFYQADDKIVIF 180
DB 121 LPFAELRQQLMSLMPKWHLLPFLTLVRSFWSMDMSAQSFITSSWTFYQADDKIVIF 180
QY 181 QSKPEIQYAPHLQEPNTLNRESLSKMSVLOMNSQAHNFLEDGESDGLFRLCLSLNSG 240
DB 181 QSKPEIQYAPHLQEPNTLNRESLSKMSVLOMNSQAHNFLEDGESDGLFRLCLSLNSG 240
QY 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVWVLLMCCATVATAVEQYVPSEKLSIYGDLEFVNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 203
US-10-137-869A-272
; Sequence 272, Application US/10137869A
; Publication No. US2003009211A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.

```

APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C147  
CURRENT APPLICATION NUMBER: US/10/137,869A  
CURRENT FILING DATE: 2002-10-17  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-137-869A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Y 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
Y 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
Y 61 YPKKEELYACORGLFSLICQFVDDGDIDLNRKLECESACTEAYSQSDROYACHLCQCNQ 120  
Y 61 YPKKEELYACORGLFSLICQFVDDGDIDLNRKLECESACTEAYSQSDROYACHLCQCNQ 120  
Y 121 LPFAELRQELMSLMPKWHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 121 LPFAELRQELMSLMPKWHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
Y 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFNFNEOKLNRYPASSLVVVR 300  
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFNFNEOKLNRYPASSLVVVR 300  
Y 301 SKTEDHEEAGPLPTKVNLHSEI 323  
Y 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 204  
US-10-147-523-272  
Sequence 272, Application US/10147523  
Publication No. US20030092113A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C327  
CURRENT APPLICATION NUMBER: US/10/147,523  
CURRENT FILING DATE: 2002-05-16  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-147-523-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKKEELYACORGLFSLICQFVDDGDIDLNRKLECESACTEAYSQSDROYACHLCQCNQ 120  
DB 61 YPKKEELYACORGLFSLICQFVDDGDIDLNRKLECESACTEAYSQSDROYACHLCQCNQ 120  
QY 121 LPFAELRQELMSLMPKWHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKWHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFNFNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFNFNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLHSEI 323

RESULT 205  
US-10-158-785-272  
Sequence 272, Application US/10158785  
Publication No. US20030092115A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven



```
; APPLICANT: Smith,Victoria
; APPLICANT: Stewart,Timothy A.
; APPLICANT: Tumas,Daniel
; APPLICANT: Watanabe,Colin K
; APPLICANT: Wood,William
; APPLICANT: Zhang,Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C459
; CURRENT APPLICATION NUMBER: US/10/158,785
; CURRENT FILING DATE: 2002-05-30
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-158-785-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSLSWVETQLGLPPLLLLTWALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAPKGSLSWVETQLGLPPLLLLTWALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60
2Y 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120
2Y 121 LPFAELROQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELROQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
2Y 181 QSKPEIQVAPHLEQEPNTLRESSLSKMSYLQMRNSQAHRNLFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQVAPHLEQEPNTLRESSLSKMSYLQMRNSQAHRNLFLEDGESDGLRCLSLNSGW 240
2Y 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLFFMNEOKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLFFMNEOKLNRYPASSLVVVR 300
2Y 301 SKTEDHREAGPLPTKVNLAHSEI 323
Db 301 SKTEDHREAGPLPTKVNLAHSEI 323

RESULT 206
US-10-121-051-272
; Sequence 272, Application US/10121051
; Publication No. US20030092147A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C6
; CURRENT APPLICATION NUMBER: US/10/121,051
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; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-042-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVETQLGLPPLLLLTWALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAPKGSLSWVETQLGLPPLLLLTWALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKKEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120
QY 121 LPFAELROQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELROQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSPFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQVAPHLEQEPNTLRESSLSKMSYLQMRNSQAHRNLFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQVAPHLEQEPNTLRESSLSKMSYLQMRNSQAHRNLFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLFFMNEOKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLFFMNEOKLNRYPASSLVVVR 300
QY 301 SKTEDHREAGPLPTKVNLAHSEI 323
Db 301 SKTEDHREAGPLPTKVNLAHSEI 323

RESULT 207
US-10-121-042-272
; Sequence 272, Application US/10121042
; Publication No. US20030096386A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Godowski, Paul J.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C10
; CURRENT APPLICATION NUMBER: US/10/121,042
; CURRENT FILING DATE: 2002-04-11
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-121-042-272
```

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 50  
b 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 50

Y 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
b 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120

Y 121 LPFAELQEQQLMSLMPKWHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
b 121 LPFAELQEQQLMSLMPKWHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQYAPHELEQPTNLRESSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHELEQPTNLRESSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240

Y 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSKLSIYGDLEFNMNQKLNRYBPASSLVVVR 300  
b 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSKLSIYGDLEFNMNQKLNRYBPASSLVVVR 300

Y 301 SKTEDEEAGPLPTKVNLAHSEI 323  
b 301 SKTEDEEAGPLPTKVNLAHSEI 323

## RESULT 208

US-10-123-912-272

Sequence 272, Application US/10123912

Publication No. US20030100087A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Deonoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C55

CURRENT APPLICATION NUMBER: US/10/123,912

CURRENT FILING DATE: 2002-04-16

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-123-912-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Y 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120

Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELQEQQLMSLMPKWHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELQEQQLMSLMPKWHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHELEQPTNLRESSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHELEQPTNLRESSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSKLSIYGDLEFNMNQKLNRYBPASSLVVVR 300  
Db 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSKLSIYGDLEFNMNQKLNRYBPASSLVVVR 300  
QY 301 SKTEDEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEEAGPLPTKVNLAHSEI 323

## RESULT 209

US-10-223-085-8

Sequence 8, Application US/10223085

Publication No. US20030100497A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Marsters, Scott A.  
APPLICANT: Pan, James  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Ye, Weilan

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND

FILE REFERENCE: P3235P1C10

CURRENT APPLICATION NUMBER: US/10/223,085

CURRENT FILING DATE: 2002-08-16

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 383

SEQ ID NO 8

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

US-10-223-085-8

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Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MAAPKGSLSWRTQGLPPELLLLTALAGSGTASAEAFDSVLGDTASCHACQLTYPLEHT 60
DB      1 MAAPKGSLSWRTQGLPPELLLLTALAGSGTASAEAFDSVLGDTASCHACQLTYPLEHT 60
QY      61 YKBEELVACQRCGLFSGICQFVDDGIDNRTKLECSACTEAYSQSDQYACHLGCQNG 120
DB      61 YKBEELVACQRCGLFSGICQFVDDGIDNRTKLECSACTEAYSQSDQYACHLGCQNG 120
QY      121 LPPAELROELMSLMPKXHLFPPLTLVRSFWSMDMDGAQSPITSSWTFFYLQADGKIVIF 180
DB      121 LPPAELROELMSLMPKXHLFPPLTLVRSFWSMDMDGAQSPITSSWTFFYLQADGKIVIF 180
QY      181 QSKPFIQVAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDBSGDFLRCLSLNSGW 240
DB      181 QSKPFIQVAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDBSGDFLRCLSLNSGW 240
QY      241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNNQKLNRYPASSLIVVVR 300
DB      241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNNQKLNRYPASSLIVVVR 300
QY      301 SKTDEHREAGPLPTKYNLAHSEI 323
DB      301 SKTDEHREAGPLPTKYNLAHSEI 323

RESULT 210
US-10-166-709A-330
; Sequence 330, Application US/10166709A
; Publication No. US20030104536A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C59
; CURRENT APPLICATION NUMBER: US/10/166.709A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
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; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
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PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
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PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSWVTRQLGLPELPLLLTALAGGSGTASAEAPDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSWVTRQLGLPELPLLLTALAGGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YKREELYACORGCLEPSICQFVDDGIDLNKLECSACTEAYSQSDQYACHLGCNQ 120  
DB 61 YKREELYACORGCLEPSICQFVDDGIDLNKLECSACTEAYSQSDQYACHLGCNQ 120  
QY 121 LFFAEELROEQLMSLMPKMHLLFPLTLVRSFWSMDWMSAQSPITSSWTFYLQADDGKIVIF 180  
DB 121 LFFAEELROEQLMSLMPKMHLLFPLTLVRSFWSMDWMSAQSPITSSWTFYLQADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTDEHEEAGPLTKVNLHSEI 323  
DB 301 SKTDEHEEAGPLTKVNLHSEI 323  
RESULT 211  
US-10-192-007-272  
Sequence 272, Application US/10192007  
Publication No. US20030104544A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC281  
CURRENT APPLICATION NUMBER: US/10192.007  
CURRENT FILING DATE: 2002-07-09  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26

[illegible]

;; PRIOR APPLICATION NUMBER: 60/088859  
;; PRIOR FILING DATE: 19/98-06-11  
;; PRIOR APPLICATION NUMBER: 60/089532  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089599  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089907  
;; PRIOR FILING DATE: 1998-06-18  
;; PRIOR APPLICATION NUMBER: 60/089947  
;; PRIOR FILING DATE: 1998-06-19  
;; PRIOR APPLICATION NUMBER: 60/090349  
;; PRIOR FILING DATE: 1998-06-23  
;; PRIOR APPLICATION NUMBER: 60/090429  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090445  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090538  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090863  
;; PRIOR FILING DATE: 1998-06-26  
;; PRIOR APPLICATION NUMBER: 60/091360  
;; PRIOR FILING DATE: 1998-07-01  
;; PRIOR APPLICATION NUMBER: 60/091519  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
y 1 MAAPKGSLSWVRLTQLGLPPLLLLTWALAGSGTASABAFDSVLGDTASCHRAQLTYPLHT 60  
b 1 MAAPKGSLSWVRLTQLGLPPLLLLTWALAGSGTASABAFDSVLGDTASCHRAQLTYPLHT 60  
  
y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
  
y 121 LPFAELRQELMSLMPKMLLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
b 121 LPFAELRQELMSLMPKMLLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
  
y 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
  
y 241 ILTTTLVLSVMVLLTCCATVATAVQYVPSEKLSYIGDLEFPMNEQKLNRYPASSLWVVR 300  
b 241 ILTTTLVLSVMVLLTCCATVATAVQYVPSEKLSYIGDLEFPMNEQKLNRYPASSLWVVR 300  
  
y 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323

## ESULT 212

S-10-194-359-272  
Sequence 272, Application US/10194359  
Publication No. US20030104545A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.

;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Watanabe, Colin K  
;; APPLICANT: Wood, William  
;; APPLICANT: Zhang, Zemin  
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
;; FILE REFERENCE: P3330RIC315  
;; CURRENT APPLICATION NUMBER: US/10/194,359  
;; PRIOR FILING DATE: 2002-07-12  
;; PRIOR APPLICATION REMOVED - See File Wrapper or Palm  
;; NUMBER OF SEQ ID NOS: 550  
;; SEQ ID NO 272  
;; LENGTH: 323  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-194-359-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 MAAPKGSLSWVRLTQLGLPPLLLLTWALAGSGTASABAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGSLSWVRLTQLGLPPLLLLTWALAGSGTASABAFDSVLGDTASCHRAQLTYPLHT 60  
  
Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
  
Qy 121 LPFAELRQELMSLMPKMLLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQELMSLMPKMLLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
  
Qy 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
  
Qy 241 ILTTTLVLSVMVLLTCCATVATAVQYVPSEKLSYIGDLEFPMNEQKLNRYPASSLWVVR 300  
Db 241 ILTTTLVLSVMVLLTCCATVATAVQYVPSEKLSYIGDLEFPMNEQKLNRYPASSLWVVR 300  
  
Qy 301 SKTEDHEEAGPLTKVNLHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLHSEI 323

## RESULT 213

US-10-223-084-8  
Sequence 8, Application US/10223084  
Publication No. US20030105011A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Marsters, Scott A.  
APPLICANT: Pan, James  
APPLICANT: Stephan, Jean-Philippe P.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Ye, Weilan  
;; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
;; FILE REFERENCE: P3235PIC5  
;; CURRENT APPLICATION NUMBER: US/10/223,084  
;; PRIOR FILING DATE: 2002-08-16  
;; PRIOR APPLICATION NUMBER: US 10/081,056  
;; PRIOR FILING DATE: 2002-02-20

```

; PRIOR APPLICATION NUMBER: US 60/213,637
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 8
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-084-8

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRVQLGLPPLLLLTALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSWVRVQLGLPPLLLLTALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKBELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCNQ 120
DB 61 YPKBELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCNQ 120

QY 121 LPFALRQELMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFALRQELMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQAPHLEQBPNTLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQAPHLEQBPNTLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 214
US-10-223-088-8
; Sequence 8, Application US/10223088
; Publication No. US20030105012A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin E.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scott A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Collin K.
; APPLICANT: Wood, William I.

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; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3235PLC6
; CURRENT APPLICATION NUMBER: US/10/223,088
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/081,056
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/213,637
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 8
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-088-8

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRVQLGLPPLLLLTALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSWVRVQLGLPPLLLLTALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKBELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCNQ 120
DB 61 YPKBELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCNQ 120

QY 121 LPFALRQELMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFALRQELMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQAPHLEQBPNTLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQAPHLEQBPNTLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 215
US-10-223-090-8
; Sequence 8, Application US/10223090
; Publication No. US20030105013A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.

```





; PRIOR APPLICATION NUMBER: PCT/US01/06666  
; PRIOR FILING DATE: 2001-03-01  
; PRIOR APPLICATION NUMBER: US 09/802,706  
; PRIOR FILING DATE: 2001-03-09  
; PRIOR APPLICATION NUMBER: US 09/808,689  
; PRIOR FILING DATE: 2001-03-14  
; PRIOR APPLICATION NUMBER: US 09/816,744  
; PRIOR FILING DATE: 2001-03-22  
; PRIOR APPLICATION NUMBER: US 09/828,366  
; PRIOR FILING DATE: 2001-04-05  
; PRIOR APPLICATION NUMBER: US 09/854,208  
; PRIOR FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: US 09/854,280  
; PRIOR FILING DATE: 2001-05-10  
; PRIOR APPLICATION NUMBER: US 09/866,028  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 09/866,034  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: PCT/US01/17092  
; PRIOR FILING DATE: 2001-05-25  
; PRIOR APPLICATION NUMBER: US 09/870,574  
; PRIOR FILING DATE: 2001-05-30  
; PRIOR APPLICATION NUMBER: PCT/US01/17443  
; PRIOR FILING DATE: 2001-05-30  
; PRIOR APPLICATION NUMBER: PCT/US01/17800  
; PRIOR FILING DATE: 2001-06-01  
; PRIOR APPLICATION NUMBER: PCT/US01/19692  
; PRIOR FILING DATE: 2001-06-20  
; PRIOR APPLICATION NUMBER: PCT/US01/21066  
; PRIOR FILING DATE: 2001-06-29  
; PRIOR APPLICATION NUMBER: PCT/US01/21735  
; PRIOR FILING DATE: 2001-07-09  
; NUMBER OF SEQ ID NOS: 383  
; SEQ ID NO 8  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-223-087-8

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSUWVTRQLGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSUWVTRQLGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120  
DB 61 YPKBEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120  
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQVNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQVNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYCDLEFFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYCDLEFFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 217  
US-10-127-847A-272  
; Sequence 272, Application US/10127847A  
; Publication No. US20030119103A1  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330RIC111  
; CURRENT APPLICATION NUMBER: US/10/127,847A  
; CURRENT FILING DATE: 2002-10-15  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-127-847A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSUWVTRQLGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSUWVTRQLGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120  
DB 61 YPKBEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120  
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQVNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQVNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYCDLEFFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYCDLEFFMNEQKLNRYPASSLVVVR 300



301 SKTDEHBEAGPLPTKYNLAHSEI 323  
301 SKTDEHBEAGPLPTKYNLAHSEI 323

RESULT 220

US-10-223-089-8

Sequence 8, Application US/10223089

Publication No. US20030125521A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Ferrata, Napoleone  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Marsters, Scot A.  
APPLICANT: Pan, James  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Ye, Weilan

TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS

FILE REFERENCE: P3235P1C9

CURRENT APPLICATION NUMBER: US/10/223,089

PRIOR FILING DATE: 2002-08-16

PRIOR APPLICATION NUMBER: US 10/081,056

PRIOR FILING DATE: 2002-02-20

PRIOR APPLICATION NUMBER: US 60/213,637

PRIOR FILING DATE: 2000-06-23

PRIOR APPLICATION NUMBER: US 60/219,556

PRIOR FILING DATE: 2000-07-20

PRIOR APPLICATION NUMBER: US 60/220,624

PRIOR FILING DATE: 2000-07-25

PRIOR APPLICATION NUMBER: US 60/220,664

PRIOR FILING DATE: 2000-07-25

PRIOR APPLICATION NUMBER: PCT/US00/20710

PRIOR FILING DATE: 2000-07-28

PRIOR APPLICATION NUMBER: US 60/222,695

PRIOR FILING DATE: 2000-08-02

PRIOR APPLICATION NUMBER: US 09/643,657

PRIOR FILING DATE: 2000-08-17

PRIOR APPLICATION NUMBER: PCT/US00/23522

PRIOR FILING DATE: 2000-08-23

PRIOR APPLICATION NUMBER: PCT/US00/23328

PRIOR FILING DATE: 2000-08-24

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 383

SEQ ID NO 8

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

US-10-223-089-8

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSJLVWVETQLGLPPLLLTALAGSGCTASABAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGSJLVWVETQLGLPPLLLTALAGSGCTASABAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKSEELYACQGCRLPSICQFVDDGIDLNRKLECSAETRAYSQSDQYACHLGCQMQ 120

61 YPKSEELYACQGCRLPSICQFVDDGIDLNRKLECSAETRAYSQSDQYACHLGCQMQ 120

121 LPFAELRQEQMLSPKMHLLFPLTLVRSFWSMDMSAQSFITTSWTFYLAQDGGKIVIP 180

121 LPFAELRQEQMLSPKMHLLFPLTLVRSFWSMDMSAQSFITTSWTFYLAQDGGKIVIP 180

Db 121 LPFAELRQEQMLSPKMHLLFPLTLVRSFWSMDMSAQSFITTSWTFYLAQDGGKIVIP 180  
Qy 181 QSKPEIQYAPHELOEPTNLRSSLSKMSYLOMNSQAHRNFLDGRSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHELOEPTNLRSSLSKMSYLOMNSQAHRNFLDGRSDGFLRCLSLNSGW 240  
Qy 241 ILTTLVLNVLLWICCAVATAVEQYVFESEKLSIYGDLFEFVNEQKLNRYPASSLVVVR 300  
Db 241 ILTTLVLNVLLWICCAVATAVEQYVFESEKLSIYGDLFEFVNEQKLNRYPASSLVVVR 300  
Qy 301 SKTDEHBEAGPLPTKYNLAHSEI 323  
Db 301 SKTDEHBEAGPLPTKYNLAHSEI 323

RESULT 221

US-10-137-866-272

Sequence 272, Application US/10137866

Publication No. US20030129689A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C151

CURRENT APPLICATION NUMBER: US/10/137,866

CURRENT FILING DATE: 2002-05-03

PRIOR APPLICATION NUMBER: 60/049911

PRIOR FILING DATE: 1997-06-18

PRIOR APPLICATION NUMBER: 60/056974

PRIOR FILING DATE: 1997-08-26

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059115

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059117

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059122

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059184

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/059263

PRIOR FILING DATE: 1997-09-18

PRIOR APPLICATION NUMBER: 60/059352

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059588

PRIOR FILING DATE: 1997-09-19

PRIOR APPLICATION NUMBER: 60/059836

PRIOR FILING DATE: 1997-09-24

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062285

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062287

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/062814

PRIOR FILING DATE: 1997-10-24

PRIOR APPLICATION NUMBER: 60/062816

PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063082  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063327  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063550  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063561  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063704  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063733  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063735  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063738  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063755  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064248  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/064809  
PRIOR FILING DATE: 1997-11-07  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065846  
PRIOR FILING DATE: 1997-11-17  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066453  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066511  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/069212  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069334  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-03-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081695  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082999  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086414  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/086430  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088730  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088741  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090863  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982

Query Match

100.0%; Score 1694; DB 14; Length 323;





APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C412  
CURRENT APPLICATION NUMBER: US/10/153,934  
CURRENT FILING DATE: 2002-05-22  
Prior Application removed - See file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-153-934-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLILLTALAGSGTASABFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTGLPPLILLTALAGSGTASABFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQ 120  
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQ 120  
QY 121 LPPAEURQOLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSFITTSWTYLOADDGKIVIF 180  
DB 121 LPPAEURQOLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSFITTSWTYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNLRESLSQMSYLOXNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNLRESLSQMSYLOXNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLWVR 300  
DB 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLWVR 300  
QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 227  
US-10-140-807-272  
Sequence 272, Application US/10140807  
Publication No. US20030134354A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C177  
CURRENT APPLICATION NUMBER: US/10/140,924

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C174  
CURRENT APPLICATION NUMBER: US/10/140,807  
CURRENT FILING DATE: 2002-05-07  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-807-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLILLTALAGSGTASABFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTGLPPLILLTALAGSGTASABFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQ 120  
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQ 120  
QY 121 LPPAEURQOLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSFITTSWTYLOADDGKIVIF 180  
DB 121 LPPAEURQOLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSFITTSWTYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNLRESLSQMSYLOXNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNLRESLSQMSYLOXNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLWVR 300  
DB 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLWVR 300  
QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 228  
US-10-140-924-272  
Sequence 272, Application US/10140924  
Publication No. US20030134355A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C177  
CURRENT APPLICATION NUMBER: US/10/140,924

CURRENT FILING DATE: 2002-05-07  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT

ORGANISM: Homo Sapien

S-10-140-924-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
Y 121 LPFAELRQBLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIYIP 180  
b 121 LPFAELRQBLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIYIP 180  
Y 181 QSKPEIQYAPHLRQEPNLRESLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLRQEPNLRESLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
Y 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
Y 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 229

S-10-140-926-272  
Sequence 272, Application US/10140926  
Publication No. US20030134356A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C187

CURRENT APPLICATION NUMBER: US/10/140,926

CURRENT FILING DATE: 2002-05-07

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT

ORGANISM: Homo Sapien

S-10-140-926-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
DB 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPFAELRQBLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIYIP 180  
DB 121 LPFAELRQBLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIYIP 180  
QY 181 QSKPEIQYAPHLRQEPNLRESLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNLRESLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLTKVNLHSEI 323  
DB 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 230

US-10-141-698-272  
Sequence 272, Application US/10141698  
Publication No. US20030134357A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C206

CURRENT APPLICATION NUMBER: US/10/141,698

CURRENT FILING DATE: 2002-05-08

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-141-698-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120



Db 61 YPKBEELVACQGCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
Qy 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSDDMSAQSFITSSWTFLQADGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSDDMSAQSFITSSWTFLQADGKIVIF 180  
Qy 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 231  
US-10-141-702-272  
; Sequence 272, Application US/10141702  
; Publication No. US20030134358A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC208  
; CURRENT FILING DATE: 2002-05-08  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-141-702-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSUWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAACQTYPLHT 60  
Db 1 MAAPKGSUWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAACQTYPLHT 60  
Qy 61 YPKBEELVACQGCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKBEELVACQGCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
Qy 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSDDMSAQSFITSSWTFLQADGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSDDMSAQSFITSSWTFLQADGKIVIF 180  
Qy 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 232  
US-10-141-704-272  
; Sequence 272, Application US/10141704  
; Publication No. US20030134359A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC209  
; CURRENT FILING DATE: 2002-05-08  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-141-704-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSUWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAACQTYPLHT 60  
Db 1 MAAPKGSUWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAACQTYPLHT 60  
Qy 61 YPKBEELVACQGCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKBEELVACQGCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
Qy 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSDDMSAQSFITSSWTFLQADGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSDDMSAQSFITSSWTFLQADGKIVIF 180  
Qy 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 233

S-10-142-421-272  
 Sequence 272, Application US/10142421  
 Publication No. US20030134360A1  
 GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 FILE REFERENCE: P3330RIC218  
 CURRENT APPLICATION NUMBER: US/10/142,421

CURRENT FILING DATE: 2002-05-09  
 Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-142-421-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

b 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Y 61 YPKEELVACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNO 120

b 61 YPKEELVACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNO 120

Y 121 LPFAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQDDGKIVIF 180

b 121 LPFAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQDDGKIVIF 180

Y 181 QSKPEIQYAPHLEQBFNLRESLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

b 181 QSKPEIQYAPHLEQBFNLRESLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

Y 301 SKTEDHEEAGPLPTKYNLAHSEI 323

b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

## RESULT 234

S-10-142-432-272

Sequence 272, Application US/10142432  
 Publication No. US20030134361A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 FILE REFERENCE: P3330RIC215  
 CURRENT APPLICATION NUMBER: US/10/142,432  
 CURRENT FILING DATE: 2002-05-09  
 Prior Application removed - See File Wrapper or Palm  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 272  
 LENGTH: 323  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 US-10-142-432-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Db 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60

Qy 61 YPKEELVACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNO 120

Db 61 YPKEELVACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNO 120

Qy 121 LPFAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQDDGKIVIF 180

Db 121 LPFAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQDDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQBFNLRESLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQBFNLRESLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

## RESULT 235

US-10-142-767-272

Sequence 272, Application US/10142767

Publication No. US20030134362A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven

APPLICANT: Smith,Victoria  
APPLICANT: Stewart,Timothy A.  
APPLICANT: Tumas,Daniel  
APPLICANT: Watanabe,Colin K  
APPLICANT: Wood,William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C241  
CURRENT APPLICATION NUMBER: US/10/142,767  
CURRENT FILING DATE: 2002-05-10  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
JS-10-142-767-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
2y 1 MAAPKGSLSWVLTQLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSLSWVLTQLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
2y 61 YPKEEELVACORGCELFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120  
Db 61 YPKEEELVACORGCELFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120  
2y 121 LPFAELROEQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIIVF 180  
Db 121 LPFAELROEQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIIVF 180  
2y 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240  
2y 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
2y 301 SKTDEHREAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHREAGPLPTKVNLAHSEI 323  
RESULT 236  
US-10-143-033-272  
Sequence 272, Application US/10143033  
Publication No. US20030134363A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C246

CURRENT APPLICATION NUMBER: US/10/143,033  
CURRENT FILING DATE: 2002-05-10  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-143-033-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGSLSWVLTQLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSLSWVLTQLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Qy 61 YPKEEELVACORGCELFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120  
Db 61 YPKEEELVACORGCELFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCNQ 120  
Qy 121 LPFAELROEQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIIVF 180  
Db 121 LPFAELROEQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIIVF 180  
Qy 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDSGDFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
Qy 301 SKTDEHREAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHREAGPLPTKVNLAHSEI 323  
RESULT 237  
US-10-144-994-272  
Sequence 272, Application US/10144994  
Publication No. US20030134364A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C257  
CURRENT APPLICATION NUMBER: US/10/144,994  
CURRENT FILING DATE: 2002-05-13  
Prior Application Number: 60/049911  
Prior Filing Date: 1997-06-18  
Prior Application Number: 60/056974  
Prior Filing Date: 1997-08-26  
Prior Application Number: 60/059113  
Prior Filing Date: 1997-09-17  
Prior Application Number: 60/059115

PRIOR APPLICATION NUMBER: 60/072320	PRIOR FILING DATE: 1998-01-23
PRIOR APPLICATION NUMBER: 60/073612	PRIOR FILING DATE: 1998-02-04
PRIOR APPLICATION NUMBER: 60/074086	PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/074092	PRIOR FILING DATE: 1998-02-09
PRIOR APPLICATION NUMBER: 60/077791	PRIOR FILING DATE: 1998-03-12
PRIOR APPLICATION NUMBER: 60/078910	PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294	PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079663	PRIOR FILING DATE: 1998-02-27
PRIOR APPLICATION NUMBER: 60/079728	PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/080165	PRIOR FILING DATE: 1998-03-31
PRIOR APPLICATION NUMBER: 60/081203	PRIOR FILING DATE: 1998-04-09
PRIOR APPLICATION NUMBER: 60/081229	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081695	PRIOR FILING DATE: 1998-04-14
PRIOR APPLICATION NUMBER: 60/081817	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081818	PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082999	PRIOR FILING DATE: 1998-04-24
PRIOR APPLICATION NUMBER: 60/083322	PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/083545	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/084600	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084627	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/084637	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/085149	PRIOR FILING DATE: 1998-05-12
PRIOR APPLICATION NUMBER: 60/085323	PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085338	PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085339	PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579	PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085697	PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/085704	PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086414	PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/086430	PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/087106	PRIOR FILING DATE: 1998-05-28
PRIOR APPLICATION NUMBER: 60/088810	PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/088858	PRIOR FILING DATE: 1998-06-11
PRIOR APPLICATION NUMBER: 60/089532	PRIOR FILING DATE: 1998-06-11

PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090863  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGSIMVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAACOLTYPLHT 60  
DB 1 MAAPKGSIMVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAACOLTYPLHT 60  
  
QY 61 YPKEEELVACORGCRFLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEEELVACORGCRFLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
  
QY 121 LPFAELROQLMSLMPKXHLFPILTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELROQLMSLMPKXHLFPILTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
  
QY 181 OSKPEIOVAPHELEPTNLRSSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
DB 181 OSKPEIOVAPHELEPTNLRSSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
  
QY 301 SKTEDEEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEEAGPLPTKYNLAHSEI 323

RESULT 238  
US-10-145-628-272  
Sequence 272, Application US/10145628  
Publication No. US20030134365A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William

APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C271  
CURRENT APPLICATION NUMBER: US/10/145,628  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-628-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGSIMVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAACOLTYPLHT 60  
DB 1 MAAPKGSIMVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAACOLTYPLHT 60  
  
QY 61 YPKEEELVACORGCRFLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEEELVACORGCRFLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
  
QY 121 LPFAELROQLMSLMPKXHLFPILTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELROQLMSLMPKXHLFPILTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
  
QY 181 OSKPEIOVAPHELEPTNLRSSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
DB 181 OSKPEIOVAPHELEPTNLRSSLSKMSYLQMRNSQAHNRNFDGSDGFLRCLSLNSGW 240  
  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
  
QY 301 SKTEDEEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEEAGPLPTKYNLAHSEI 323

RESULT 239  
US-10-145-746-272  
Sequence 272, Application US/10145746  
Publication No. US20030134366A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C269  
CURRENT APPLICATION NUMBER: US/10/145,746  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272

LENGTH: 323		100.0%; Score 1694; DB 14; Length 323;	
TYPE: PRT		Best Local Similarity 100.0%; Pred. No. 1.4e-172;	
ORGANISM: Homo Sapien		Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
S-10-145-746-272			
Y	1	MAAPKGLWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
Db	1	MAAPKGLWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
Y	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCCNQ	120
Db	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCCNQ	120
Y	121	LPFAELRQEQMLSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
Db	121	LPFAELRQEQMLSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
Y	181	OSKPEIQYAPHLCEPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW	240
Db	181	OSKPEIQYAPHLCEPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW	240
Y	241	ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSIVVVR	300
Db	241	ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSIVVVR	300
Y	301	SKTEDHREAGPLPTKVNLAHSEI	323
Db	301	SKTEDHREAGPLPTKVNLAHSEI	323
RESULT 241			
US-10-145-823-272			
Sequence 272, Application US/10145823			
Publication No. US20030134369A1			
GENERAL INFORMATION:			
APPLICANT: Baker, Kevin P.			
APPLICANT: Beresini, Maureen			
APPLICANT: DeForge, Laura			
APPLICANT: Desnoyers, Luc			
APPLICANT: Filvaroff, Ellen			
APPLICANT: Gao, Wei-Qiang			
APPLICANT: Gerritsen, Mary E.			
APPLICANT: Goddard, Audrey			
APPLICANT: Godowski, Paul J.			
APPLICANT: Gurney, Austin L.			
APPLICANT: Sherwood, Steven			
APPLICANT: Smith, Victoria			
APPLICANT: Stewart, Timothy A.			
APPLICANT: Tamas, Daniel			
APPLICANT: Watanabe, Colin K			
APPLICANT: Wood, William			
APPLICANT: Zhang, Zemin			
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC			
FILE REFERENCE: P3330R1C262			
CURRENT APPLICATION NUMBER: US/10/145,823			
CURRENT FILING DATE: 2002-05-14			
Prior Application removed - See File Wrapper or Palm			
NUMBER OF SEQ ID NOS: 550			
SEQ ID NO 272			
LENGTH: 323			
TYPE: PRT			
ORGANISM: Homo Sapien			
US-10-145-823-272			
Query Match		100.0%; Score 1694; DB 14; Length 323;	
Best Local Similarity		100.0%; Pred. No. 1.4e-172;	
Matches 323;		Conservative 0; Mismatches 0; Indels 0; Gaps 0;	
Y	1	MAAPKGLWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
Db	1	MAAPKGLWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
Y	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCCNQ	120
Db	61	YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCCNQ	120
Y	121	LPFAELRQEQMLSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
Db	121	LPFAELRQEQMLSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
Y	181	OSKPEIQYAPHLCEPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW	240
Db	181	OSKPEIQYAPHLCEPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW	240
Y	241	ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSIVVVR	300
Db	241	ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSIVVVR	300
Y	301	SKTEDHREAGPLPTKVNLAHSEI	323
Db	301	SKTEDHREAGPLPTKVNLAHSEI	323
RESULT 240			
S-10-145-748-272			
Sequence 272, Application US/10145748			
Publication No. US20030134367A1			
GENERAL INFORMATION:			
APPLICANT: Baker, Kevin P.			
APPLICANT: Beresini, Maureen			
APPLICANT: DeForge, Laura			
APPLICANT: Desnoyers, Luc			
APPLICANT: Filvaroff, Ellen			
APPLICANT: Gao, Wei-Qiang			
APPLICANT: Gerritsen, Mary E.			
APPLICANT: Goddard, Audrey			
APPLICANT: Godowski, Paul J.			
APPLICANT: Gurney, Austin L.			
APPLICANT: Sherwood, Steven			
APPLICANT: Smith, Victoria			
APPLICANT: Stewart, Timothy A.			
APPLICANT: Tamas, Daniel			
APPLICANT: Watanabe, Colin K			
APPLICANT: Wood, William			
APPLICANT: Zhang, Zemin			
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC			
FILE REFERENCE: P3330R1C283			
CURRENT APPLICATION NUMBER: US/10/145,748			
CURRENT FILING DATE: 2002-05-14			
Prior Application removed - See File Wrapper or Palm			
NUMBER OF SEQ ID NOS: 550			
SEQ ID NO 272			
LENGTH: 323			
TYPE: PRT			
ORGANISM: Homo Sapien			
JS-10-145-748-272			
Query Match		100.0%; Score 1694; DB 14; Length 323;	
Best Local Similarity		100.0%; Pred. No. 1.4e-172;	
Matches 323;		Conservative 0; Mismatches 0; Indels 0; Gaps 0;	

Db 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQYAPHLBOEPTNLRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLBOEPTNLRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Y 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Y 301 SKTDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHEAGPLPTKVNLAHSEI 323

RESULT 242  
US-10-145-826-272  
; Sequence 272, Application US/10145826  
; Publication No. US20030134369A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C284  
; CURRENT APPLICATION NUMBER: US/10/145,826  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-826-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGS LWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGS LWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Y 61 YPKBEELYACQRCRLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCCNQ 120  
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCCNQ 120  
Y 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQYAPHLBOEPTNLRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLBOEPTNLRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Y 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Y 301 SKTDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHEAGPLPTKVNLAHSEI 323

Db 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Y 301 SKTDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHEAGPLPTKVNLAHSEI 323

RESULT 243  
US-10-145-870-272  
; Sequence 272, Application US/10145870  
; Publication No. US20030134370A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C274  
; CURRENT APPLICATION NUMBER: US/10/145,870  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-870-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGS LWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGS LWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Y 61 YPKBEELYACQRCRLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCCNQ 120  
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCCNQ 120  
Y 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQYAPHLBOEPTNLRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLBOEPTNLRESLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Y 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Y 301 SKTDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHEAGPLPTKVNLAHSEI 323

RESULT 244  
US-10-145-876-272

Sequence 272, Application US/10145876

Publication No. US20030134371A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C304

CURRENT APPLICATION NUMBER: US/10/145,876

CURRENT FILING DATE: 2002-05-14

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-145-876-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSLSWRTQGLPPIILLTALAGSGTASAFDSVLGDTASCHRAQQLTYPLHT 60

b 1 MAAPKGSLSWRTQGLPPIILLTALAGSGTASAFDSVLGDTASCHRAQQLTYPLHT 60

y 61 YPKREELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

b 61 YPKREELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

y 121 LPFAELRQEQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

b 121 LPFAELRQEQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

y 181 QSKPEIQYAPHLEQEPNTLRESSLKMSYLVQKNSQAHNFLEDGSDGFLRCLSLNSGW 240

b 181 QSKPEIQYAPHLEQEPNTLRESSLKMSYLVQKNSQAHNFLEDGSDGFLRCLSLNSGW 240

y 241 ILTTTILSVNVLWLTCCATVATAVEQYVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300

b 241 ILTTTILSVNVLWLTCCATVATAVEQYVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300

y 301 SKTEDHEEAGPLPTKVNLAHSEI 323

b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 245

S-10-145-959-272

Sequence 272, Application US/10145959

Publication No. US20030134372A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C281  
CURRENT APPLICATION NUMBER: US/10/145,959  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-959-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWRTQGLPPIILLTALAGSGTASAFDSVLGDTASCHRAQQLTYPLHT 60

Db 1 MAAPKGSLSWRTQGLPPIILLTALAGSGTASAFDSVLGDTASCHRAQQLTYPLHT 60

Qy 61 YPKREELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

Db 61 YPKREELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

Qy 121 LPFAELRQEQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLEQEPNTLRESSLKMSYLVQKNSQAHNFLEDGSDGFLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTLRESSLKMSYLVQKNSQAHNFLEDGSDGFLRCLSLNSGW 240

Qy 241 ILTTTILSVNVLWLTCCATVATAVEQYVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300

Db 241 ILTTTILSVNVLWLTCCATVATAVEQYVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 246

US-10-146-724-272

Sequence 272, Application US/10146724

Publication No. US20030134373A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K



APPLICANT: Wood,William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C317  
CURRENT APPLICATION NUMBER: US/10/146,724  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-146-724-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRVQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
DB 1 MAAPKGSLSWVRVQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
QY 61 YPKBEELVACQRCGLFSICQFVDDGIDLNRKTLKESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBEELVACQRCGLFSICQFVDDGIDLNRKTLKESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQAPHLEQSPITNLRESSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSINSGW 240  
DB 181 QSKPEIQAPHLEQSPITNLRESSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSINSGW 240  
QY 241 ILTTTLVLSWVLLWICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSWVLLWICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLTKVNLHSEI 323  
DB 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 247  
US-10-146-725-272  
Sequence 272, Application US/10146725  
Publication No. US20030134374A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C315  
CURRENT APPLICATION NUMBER: US/10/146,725  
CURRENT FILING DATE: 2002-05-15  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-146-725-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRVQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
DB 1 MAAPKGSLSWVRVQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
QY 61 YPKBEELVACQRCGLFSICQFVDDGIDLNRKTLKESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBEELVACQRCGLFSICQFVDDGIDLNRKTLKESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQAPHLEQSPITNLRESSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSINSGW 240  
DB 181 QSKPEIQAPHLEQSPITNLRESSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSINSGW 240  
QY 241 ILTTTLVLSWVLLWICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSWVLLWICCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLTKVNLHSEI 323  
DB 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 248  
US-10-146-795-272  
Sequence 272, Application US/10146795  
Publication No. US20030134375A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C309  
CURRENT APPLICATION NUMBER: US/10/146,795  
CURRENT FILING DATE: 2002-05-15  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-146-795-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
121 LPPAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPPAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 249  
S-10-147-495-272  
Sequence 272, Application US/10147495  
Publication No. US20030134376A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCES: P3330R1C371  
CURRENT APPLICATION NUMBER: US/10/147,495  
CURRENT FILING DATE: 2002-05-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-147-495-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
121 LPPAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPPAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

121 LPPAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPPAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 250  
US-10-147-501-272  
Sequence 272, Application US/10147501  
Publication No. US20030134377A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCES: P3330R1C373  
CURRENT APPLICATION NUMBER: US/10/147,501  
CURRENT FILING DATE: 2002-05-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-147-501-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
121 LPPAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPPAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHLEQEPNLRRESSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300

db 241 ILTTTLVLSVWLLMTCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
Y 301 SKTDEHEAGPLPTKVNLAHSEI 323  
db 301 SKTDEHEAGPLPTKVNLAHSEI 323

RESULT 251  
US-10-147-504-272  
; Sequence 272, Application US/10147504  
; Publication No. US20030134379A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC372  
; CURRENT APPLICATION NUMBER: US/10/147,504  
; CURRENT FILING DATE: 2002-05-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-147-504-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVTRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHACQTYPLHT 60  
Db 1 MAAPKGSLSWVTRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHACQTYPLHT 60  
QY 61 YKREELVACQGGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
Db 61 YKREELVACQGGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIIVP 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIIVP 180  
QY 181 QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLMTCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLMTCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHEAGPLPTKVNLAHSEI 323

RESULT 252  
US-10-147-509-272  
; Sequence 272, Application US/10147509  
; Publication No. US20030134380A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen

US-10-147-506-272  
; Sequence 272, Application US/10147506  
; Publication No. US20030134379A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC344  
; CURRENT APPLICATION NUMBER: US/10/147,506  
; CURRENT FILING DATE: 2002-05-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-147-506-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVTRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHACQTYPLHT 60  
Db 1 MAAPKGSLSWVTRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHACQTYPLHT 60  
QY 61 YKREELVACQGGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
Db 61 YKREELVACQGGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIIVP 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIIVP 180  
QY 181 QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLMTCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLMTCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHEAGPLPTKVNLAHSEI 323

RESULT 253  
US-10-147-509-272  
; Sequence 272, Application US/10147509  
; Publication No. US20030134380A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C331  
CURRENT APPLICATION NUMBER: US/10/147,509  
CURRENT FILING DATE: 2002-05-16  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062285  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062814  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/062816  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063082  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063327  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063550  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063561  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063704  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063733  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063735  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063738  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063755  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064248  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/064809  
PRIOR FILING DATE: 1997-11-07  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065846  
PRIOR FILING DATE: 1997-11-17  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066453  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066511  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/069212  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069334  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081695  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082999  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085339

PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086414  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/086430  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088730  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088741  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 19/98-06-11  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090863  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120

QY 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180

QY 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTVLVSWVLLWCCATVATAVEQYVPSEKLSIYGDLFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTVLVSWVLLWCCATVATAVEQYVPSEKLSIYGDLFPMNEOKLNRYPASSLVVVR 300

QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKYNLAHSEI 323

Db 301 SKTEDEHEAGPLPTKYNLAHSEI 323

RESULT 254  
US-10-147-510-272  
; Sequence 272, Application US/10147510  
; Publication No. US20030134381A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RLC370  
; CURRENT APPLICATION NUMBER: US/10/147,510  
; CURRENT FILING DATE: 2002-05-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-147-510-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKSLWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120

QY 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVIF 180

QY 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNTLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTVLVSWVLLWCCATVATAVEQYVPSEKLSIYGDLFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTVLVSWVLLWCCATVATAVEQYVPSEKLSIYGDLFPMNEOKLNRYPASSLVVVR 300

QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKYNLAHSEI 323

RESULT 255  
US-10-147-511-272  
; Sequence 272, Application US/10147511  
; Publication No. US20030134382A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tumas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 FILE REFERENCE: P3330R1C356  
 CURRENT APPLICATION NUMBER: US/10/147,511  
 CURRENT FILING DATE: 2002-05-17  
 Prior Application removed - See File Wrapper or Palm  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 272  
 LENGTH: 323  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 JS-10-147-511-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 y 1 MAAPKGLSWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60  
 b 1 MAAPKGLSWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60  
 y 61 YPKEEELVACQRCGLFSICQFVDDGIDIANRTKLECSACTEAYSQSDQYACHLGCONQ 120  
 b 61 YPKEEELVACQRCGLFSICQFVDDGIDIANRTKLECSACTEAYSQSDQYACHLGCONQ 120  
 y 121 LPFAELRQELMSLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 b 121 LPFAELRQELMSLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 y 181 QSKPEIQYAPHELEQPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 b 181 QSKPEIQYAPHELEQPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 y 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
 b 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
 y 301 SKTEDHEAGPLPTKVNLAHSEI 323  
 b 301 SKTEDHEAGPLPTKVNLAHSEI 323  
 RESULT 256  
 JS-10-147-529-272  
 ; Sequence 272, Application US/10147529  
 ; Publication No. US20030134383A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330R1C356  
 ; CURRENT APPLICATION NUMBER: US/10/147,511  
 ; CURRENT FILING DATE: 2002-05-17  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 272  
 ; LENGTH: 323  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 ; JS-10-147-511-272

; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330R1C333  
 ; CURRENT APPLICATION NUMBER: US/10/147,529  
 ; CURRENT FILING DATE: 2002-05-16  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 272  
 ; LENGTH: 323  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 ; US-10-147-529-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 MAAPKGLSWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60  
 Db 1 MAAPKGLSWRTQLGLPPLLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60  
 Qy 61 YPKEEELVACQRCGLFSICQFVDDGIDIANRTKLECSACTEAYSQSDQYACHLGCONQ 120  
 Db 61 YPKEEELVACQRCGLFSICQFVDDGIDIANRTKLECSACTEAYSQSDQYACHLGCONQ 120  
 Qy 121 LPFAELRQELMSLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 Db 121 LPFAELRQELMSLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
 Qy 181 QSKPEIQYAPHELEQPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 Db 181 QSKPEIQYAPHELEQPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
 Qy 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
 Db 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNEQKLNRYPASSLVVVR 300  
 Qy 301 SKTEDHEAGPLPTKVNLAHSEI 323  
 Db 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 257  
 US-10-152-397-272  
 ; Sequence 272, Application US/10152397  
 ; Publication No. US20030134384A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Beresini, Maureen  
 ; APPLICANT: DeForge, Laura  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Sherwood, Steven  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Watanabe, Colin K  
 ; APPLICANT: Wood, William  
 ; APPLICANT: Zhang, Zemin  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3330R1C333  
 ; CURRENT APPLICATION NUMBER: US/10/147,529  
 ; CURRENT FILING DATE: 2002-05-16  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 550  
 ; SEQ ID NO 272  
 ; LENGTH: 323  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 ; US-10-147-529-272

```
FILE REFERENCE: P3330RIC380
CURRENT APPLICATION NUMBER: US/10/152,397
CURRENT FILING DATE: 2002-05-20
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-397-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||
Db 1 MAAPKGSLSWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||

QY 61 YPKBELYACQCGCRLFSICQVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNO 120
   |||
Db 61 YPKBELYACQCGCRLFSICQVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNO 120
   |||

QY 121 LPFAELRQQLMSLAPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180
   |||
Db 121 LPFAELRQQLMSLAPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180
   |||

QY 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOQRNSQAHRNFLEDSGDFLRLCLSLNSGW 240
   |||
Db 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOQRNSQAHRNFLEDSGDFLRLCLSLNSGW 240
   |||

QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||
Db 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||

QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323
   |||
Db 301 SKTEDEHEAGPLPTKYNLAHSEI 323
   |||

RESULT 258
US-10-153-586-272
; Sequence 272, Application US/10153586
; Publication No. US20030134385A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC413
; CURRENT APPLICATION NUMBER: US/10/153,586
; CURRENT FILING DATE: 2002-05-22
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-153-586-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||
Db 1 MAAPKGSLSWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||

QY 61 YPKBELYACQCGCRLFSICQVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNO 120
   |||
Db 61 YPKBELYACQCGCRLFSICQVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNO 120
   |||

QY 121 LPFAELRQQLMSLAPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180
   |||
Db 121 LPFAELRQQLMSLAPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180
   |||

QY 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOQRNSQAHRNFLEDSGDFLRLCLSLNSGW 240
   |||
Db 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOQRNSQAHRNFLEDSGDFLRLCLSLNSGW 240
   |||

QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||
Db 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||

QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323
   |||
Db 301 SKTEDEHEAGPLPTKYNLAHSEI 323
   |||
```

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US-10-153-586-272
Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||
Db 1 MAAPKGSLSWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||

QY 61 YPKBELYACQCGCRLFSICQVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNO 120
   |||
Db 61 YPKBELYACQCGCRLFSICQVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNO 120
   |||

QY 121 LPFAELRQQLMSLAPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180
   |||
Db 121 LPFAELRQQLMSLAPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180
   |||

QY 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOQRNSQAHRNFLEDSGDFLRLCLSLNSGW 240
   |||
Db 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOQRNSQAHRNFLEDSGDFLRLCLSLNSGW 240
   |||

QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||
Db 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||

QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323
   |||
Db 301 SKTEDEHEAGPLPTKYNLAHSEI 323
   |||

RESULT 259
US-10-158-786-272
; Sequence 272, Application US/10158786
; Publication No. US20030134791A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC458
; CURRENT APPLICATION NUMBER: US/10/158,786
; CURRENT FILING DATE: 2002-05-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-158-786-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||
Db 1 MAAPKGSLSWVRQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
   |||
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/ 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120
/ 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120
/ 121 LPPAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
/ 121 LPPAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
/ 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240
/ 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240
/ 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
/ 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
/ 301 SKTEDEHEAGPLPTKYNLAHSEI 323
/ 301 SKTEDEHEAGPLPTKYNLAHSEI 323

RESULT 260
S-10-143-031A-330
Sequence 330, Application US/10143031A
Publication No. US20030138439A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker, Kevin P.
APPLICANT: Botstein, David
APPLICANT: Desnovers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Garber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kljavin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James;
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tunas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C39
CURRENT APPLICATION NUMBER: US/10/143,031A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11

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; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
; S-10-143-031A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLSVRTQLGLPPLLLLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGLSVRTQLGLPPLLLLTALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60
Qy 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120
Db 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120
Qy 121 LPPAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPPAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300
Qy 301 SKTEDEHEAGPLPTKYNLAHSEI 323
Db 301 SKTEDEHEAGPLPTKYNLAHSEI 323

RESULT 261
US-10-137-870-272
; Sequence 272, Application US/10137870
; Publication No. US20030138883A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnovers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tunas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C155
; CURRENT APPLICATION NUMBER: US/10/137,870
; CURRENT FILING DATE: 2002-05-03
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272

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LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-137-870-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQNG 120  
DB 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQNG 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQBPNTMLRESSLSKMSYLOWNSQAHNFLEDGESDGFRLCCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQBPNTMLRESSLSKMSYLOWNSQAHNFLEDGESDGFRLCCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATVQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCATVATVQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 262

US-10-140-018-272  
Sequence 272, Application US/10140018  
Publication No. US2003013885A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C158  
CURRENT APPLICATION NUMBER: US/10/140,018  
CURRENT FILING DATE: 2002-05-06  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien

## US-10-140-018-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQNG 120  
DB 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQNG 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQBPNTMLRESSLSKMSYLOWNSQAHNFLEDGESDGFRLCCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQBPNTMLRESSLSKMSYLOWNSQAHNFLEDGESDGFRLCCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATVQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCATVATVQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 263

US-10-140-021-272  
Sequence 272, Application US/10140021  
Publication No. US2003013886A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C167  
CURRENT APPLICATION NUMBER: US/10/140,021  
CURRENT FILING DATE: 2002-05-06  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien

## US-10-140-021-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQNG 120  
DB 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQNG 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

b 121 LPFAELRQGLMSLPMKHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDKIVIF 180  
y 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNMQKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNMQKLNRYPASSLVVVR 300  
y 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 264  
S-10-140-471-272  
Sequence 272, Application US/10140471  
Publication No. US20030138887A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C163  
CURRENT APPLICATION NUMBER: US/10/140,471  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-140-471-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSWVRTOGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
b 1 MAAPKGSWVRTOGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCONQ 120  
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCONQ 120  
y 121 LPFAELRQGLMSLPMKHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDKIVIF 180  
b 121 LPFAELRQGLMSLPMKHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDKIVIF 180  
y 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNMQKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNMQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNMQKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 265  
US-10-140-922-272  
Sequence 272, Application US/10140922  
Publication No. US20030138889A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C179  
CURRENT APPLICATION NUMBER: US/10/140,922  
Prior Application removed - See File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-922-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVRTOGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKGSWVRTOGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Qy 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCONQ 120  
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCONQ 120  
Qy 121 LPFAELRQGLMSLPMKHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDKIVIF 180  
Db 121 LPFAELRQGLMSLPMKHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDKIVIF 180  
Qy 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNMQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNMQKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 266  
US-10-145-631-272

; Sequence 272, Application US/10145631  
; Publication No. US20030138891A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P333081C273  
; CURRENT APPLICATION NUMBER: US/10/145,631  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-631-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVRITQLGLPPLILLITWALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
DB 1 MAAPKGSLSWVRITQLGLPPLILLITWALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120  
DB 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWRNSQAERNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWRNSQAERNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 267  
US-10-145-633-272  
; Sequence 272, Application US/10145633  
; Publication No. US20030138892A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P333081C291  
; CURRENT APPLICATION NUMBER: US/10/145,633  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-633-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVRITQLGLPPLILLITWALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
DB 1 MAAPKGSLSWVRITQLGLPPLILLITWALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120  
DB 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWRNSQAERNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWRNSQAERNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 268  
US-10-158-783-272  
; Sequence 272, Application US/10158783  
; Publication No. US20030138893A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K

APPLICANT: Wood,William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C447  
CURRENT APPLICATION NUMBER: US/10/158,783  
CURRENT FILING DATE: 2002-05-30  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-158-783-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
61 YPKEEELIYACQRCGLPFSICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCQ 120  
61 YPKEEELIYACQRCGLPFSICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCQ 120  
121 LPFAELRQELMSLMPKWHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQELMSLMPKWHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQYAPHELEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHELEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSYIGDLEFPMNEOKLNRYPASSLVVVR 300  
241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSYIGDLEFPMNEOKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 269

US-10-140-274-272

Sequence 272, Application US/10140274

Publication No. US20030143674A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C161

CURRENT APPLICATION NUMBER: US/10/140,274

CURRENT FILING DATE: 2002-05-06

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-274-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGSILWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRACOLTYPLHT 60  
61 YPKEEELIYACQRCGLPFSICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCQ 120  
61 YPKEEELIYACQRCGLPFSICQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGCQ 120  
121 LPFAELRQELMSLMPKWHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQELMSLMPKWHLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQYAPHELEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHELEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSYIGDLEFPMNEOKLNRYPASSLVVVR 300  
241 ILTTTLVLSVWLLWICCATVATAVEQYVPESEKLSYIGDLEFPMNEOKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 270

US-10-143-030A-330

Sequence 330, Application US/10143030A

Publication No. US20030147901A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kijavini, Ivar J.

APPLICANT: Rao, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2630P1C33

CURRENT APPLICATION NUMBER: US/10/143,030A

CURRENT FILING DATE: 2002-08-27

PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-143-030A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1,4e-172; Indels 0; Gaps 0;
Matches 323; Conservative 0; Mismatches 0;

QY 1 MAAPKGLAVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGLAVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEELYACQRCGLFSCQVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQWQ 120
Db 61 YPKEELYACQRCGLFSCQVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQWQ 120
QY 121 LPFABLRQQLMSLMPKMLHLLPFLTLVRSFWSMDMSAQSFITSSMTFYLAQDDGKIVIF 180
Db 121 LPFABLRQQLMSLMPKMLHLLPFLTLVRSFWSMDMSAQSFITSSMTFYLAQDDGKIVIF 180
QY 181 QSKPFIQYAPHLEQEPNTNRESLSKMSVLOKRNQAHNFLEDGESDGLRCLSLNSGM 240
Db 181 QSKPFIQYAPHLEQEPNTNRESLSKMSVLOKRNQAHNFLEDGESDGLRCLSLNSGM 240
QY 241 ILTTTLVLSWVLLMCCATVATAVEQYVPSEKLSIYGLDFPMNQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSWVLLMCCATVATAVEQYVPSEKLSIYGLDFPMNQKLNRYPASSLVVVR 300
QY 301 SKTEDEEAGPLPTKYNLAHSEI 323
Db 301 SKTEDEEAGPLPTKYNLAHSEI 323

RESULT 271
US-10-002-967A-330
; Sequence 330, Application US/10002967A
; Publication No. US20030148373A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Denoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hilman, Kenneth L.
; APPLICANT: Kijavir, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC72
; CURRENT APPLICATION NUMBER: US/10/002,967A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165

PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
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PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05

PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQGLPPLLLTALAGSGSTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKSLWRTQGLPPLLLTALAGSGSTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKEELYACQRCGLFSLICQFVDDGIDILNRKLECEASCTEAYSQSDQYACHLGCNQ 120  
DB 61 YPKEELYACQRCGLFSLICQFVDDGIDILNRKLECEASCTEAYSQSDQYACHLGCNQ 120  
QY 121 LPPAEHQEQLMSLMPKWHLLPFLTVRSFMSDMDSAQSPFITSSMTFYLOADDGKIVIF 180  
DB 121 LPPAEHQEQLMSLMPKWHLLPFLTVRSFMSDMDSAQSPFITSSMTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHELEPTNLRESSLSKMSYLQMRNSQAHNRNLFEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHELEPTNLRESSLSKMSYLQMRNSQAHNRNLFEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTLVLVSWMLLWICCATVATAVEQYVPSEKLSIYGDLEFNNBOKLNEYPASSLVVVR 300  
DB 241 ILTTLVLVSWMLLWICCATVATAVEQYVPSEKLSIYGDLEFNNBOKLNEYPASSLVVVR 300  
QY 301 SKTDHERAGPLPTKVNLAHSEI 323  
DB 301 SKTDHERAGPLPTKVNLAHSEI 323

RESULT 272  
US-10-017-083A-330  
; Sequence 330, Application US/10017083A  
; Publication No. US20030148376A1

Publication No. US20030148423A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C170  
CURRENT APPLICATION NUMBER: US/10/140,019  
CURRENT FILING DATE: 2003-05-06  
Prior Application removed - see file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-019-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSIMVWRTOLGPPILLTLMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSIMVWRTOLGPPILLTLMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

Qy 61 YPKEEELIYACQRCGLFSCQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGQCNQ 120  
Db 61 YPKEEELIYACQRCGLFSCQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGQCNQ 120

Qy 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180  
Db 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFCLCLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFCLCLNSGW 240

Qy 241 ILTTTLVLSVWLLMTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLMTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 274  
US-10-140-022-272  
Sequence 272, Application US/10140022  
Publication No. US20030148424A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.

Publication No. US20030148423A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J  
APPLICANT: Kljavin, Ivar J  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC67  
CURRENT APPLICATION NUMBER: US/10/017,083A  
CURRENT FILING DATE: 2001-10-24  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-017-083A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSIMVWRTOLGPPILLTLMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSIMVWRTOLGPPILLTLMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

Qy 61 YPKEEELIYACQRCGLFSCQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGQCNQ 120  
Db 61 YPKEEELIYACQRCGLFSCQFVDDGIDLNRTKLECEACTEAYSQSDQYACHLGQCNQ 120

Qy 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180  
Db 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180

Qy 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFCLCLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGFCLCLNSGW 240

Qy 241 ILTTTLVLSVWLLMTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLMTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 273  
US-10-140-019-272  
Sequence 272, Application US/10140019

APPLICANT: Goddard,Audrey  
APPLICANT: Godowski,Paul J.  
APPLICANT: Gurney,Austin L.  
APPLICANT: Sherwood,Steven  
APPLICANT: Smith,Victoria  
APPLICANT: Stewart,Timothy A.  
APPLICANT: Tumas,Daniel  
APPLICANT: Watanabe,Colin K  
APPLICANT: Wood,William  
APPLICANT: Zhang,Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C159  
CURRENT APPLICATION NUMBER: US/10/140,022  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-140-022-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
y 1 MAAPKGLAVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGLAVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
y 61 YPREELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCCNQ 120  
b 61 YPREELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCCNQ 120  
y 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
b 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
y 181 QSKPEIQYAPHLQEPNTNRESLSKMSYLQNRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEPNTNRESLSKMSYLQNRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
y 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLFPWNEQKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLFPWNEQKLNRYPASSLVVVR 300  
y 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 275  
US-10-140-861-272  
Sequence 272, Application US/10140861  
Publication No. US20030148425A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary B.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William

APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C178  
CURRENT APPLICATION NUMBER: US/10/140,861  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-861-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGLAVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGLAVRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Qy 61 YPREELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCCNQ 120  
Db 61 YPREELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCCNQ 120  
Qy 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLQEPNTNRESLSKMSYLQNRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNTNRESLSKMSYLQNRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLFPWNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLFPWNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLTKVNLHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 276  
US-10-140-862-272  
Sequence 272, Application US/10140862  
Publication No. US20030148426A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary B.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C183  
CURRENT APPLICATION NUMBER: US/10/140,862  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272



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; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-862-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLITWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
   |||||
Db 1 MAAPKGSLSWVTRTQGLPPLLLITWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120
   |||||
Db 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120

QY 121 LPFAELROBQLMSLMPKMHLLFPLTLVRSFWSMDWMSAQSPITSSWTFYLOADDGKIVIF 180
   |||||
Db 121 LPFAELROBQLMSLMPKMHLLFPLTLVRSFWSMDWMSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPIQIAPHLEQPTNLRESSLSKNSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
   |||||
Db 181 QSKPIQIAPHLEQPTNLRESSLSKNSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVWVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||||
Db 241 ILTTTLVLSVWVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
   |||||
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 278
US-10-141-700-272
; Sequence 272, Application US/10141700
; Publication No. US20030148428A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC205
; CURRENT APPLICATION NUMBER: US/10/141,700
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-700-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLITWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
   |||||
Db 1 MAAPKGSLSWVTRTQGLPPLLLITWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120
   |||||
Db 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120

QY 121 LPFAELROBQLMSLMPKMHLLFPLTLVRSFWSMDWMSAQSPITSSWTFYLOADDGKIVIF 180
   |||||
Db 121 LPFAELROBQLMSLMPKMHLLFPLTLVRSFWSMDWMSAQSPITSSWTFYLOADDGKIVIF 180

; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-862-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLITWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
   |||||
Db 1 MAAPKGSLSWVTRTQGLPPLLLITWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120
   |||||
Db 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCQNG 120

QY 121 LPFAELROBQLMSLMPKMHLLFPLTLVRSFWSMDWMSAQSPITSSWTFYLOADDGKIVIF 180
   |||||
Db 121 LPFAELROBQLMSLMPKMHLLFPLTLVRSFWSMDWMSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPIQIAPHLEQPTNLRESSLSKNSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
   |||||
Db 181 QSKPIQIAPHLEQPTNLRESSLSKNSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVWVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
   |||||
Db 241 ILTTTLVLSVWVLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
   |||||
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 277
US-10-141-697-272
; Sequence 272, Application US/10141697
; Publication No. US20030148427A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Goddard, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC202
; CURRENT APPLICATION NUMBER: US/10/141,697
; CURRENT FILING DATE: 2002-05-08
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-141-697-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

b 121 LPFAELRQEQMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
y 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
y 241 ILTTTLVLSVMVLLWICCATVATAVQYVPSEKLSIYGLDFPNEQKLNRYPASSLWVVR 300  
b 241 ILTTTLVLSVMVLLWICCATVATAVQYVPSEKLSIYGLDFPNEQKLNRYPASSLWVVR 300  
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 279  
US-10-141-705-272  
Sequence 272, Application US/10141705  
Publication No. US20030148429A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C201  
CURRENT APPLICATION NUMBER: US/10/141,705  
CURRENT FILING DATE: 2002-05-08  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-141-705-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
y 1 MAAPKGSLSWVRLTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
b 1 MAAPKGSLSWVRLTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
y 61 YPKEELYACQRCRLFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCCNQ 120  
b 61 YPKEELYACQRCRLFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCCNQ 120  
y 121 LPFAELRQEQMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
b 121 LPFAELRQEQMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
y 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
y 241 ILTTTLVLSVMVLLWICCATVATAVQYVPSEKLSIYGLDFPNEQKLNRYPASSLWVVR 300  
b 241 ILTTTLVLSVMVLLWICCATVATAVQYVPSEKLSIYGLDFPNEQKLNRYPASSLWVVR 300

RESULT 281  
US-10-141-758-272

Db 241 ILTTTLVLSVMVLLWICCATVATAVQYVPSEKLSIYGLDFPNEQKLNRYPASSLWVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
RESULT 280  
US-10-141-753-272  
Sequence 272, Application US/10141753  
Publication No. US20030148430A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C193  
CURRENT APPLICATION NUMBER: US/10/141,753  
CURRENT FILING DATE: 2002-05-08  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-141-753-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGSLSWVRLTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKGSLSWVRLTQGLPPLILLTMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Qy 61 YPKEELYACQRCRLFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCCNQ 120  
Db 61 YPKEELYACQRCRLFSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCCNQ 120  
Qy 121 LPFAELRQEQMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
Db 121 LPFAELRQEQMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
Qy 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLQMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWICCATVATAVQYVPSEKLSIYGLDFPNEQKLNRYPASSLWVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVQYVPSEKLSIYGLDFPNEQKLNRYPASSLWVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

; Sequence 272, Application US/10141758  
; Publication No. US20030148431A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C194  
; CURRENT APPLICATION NUMBER: US/10/141,758  
; PRIOR FILING DATE: 2002-05-08  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-141-758-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSWVRVQLGLPPLILLITMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSWVRVQLGLPPLILLITMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSICQFVDGIDLNRTKLECSACTEAYSQSDQVACHLGCQNG 120  
Db 61 YPKBELYACQRCGLFSICQFVDGIDLNRTKLECSACTEAYSQSDQVACHLGCQNG 120  
QY 121 LPPAELRQQLMSLMPKMHLLPPLTVLVSFWSMDMSAQSFITSSWTFLQADDGKIVIF 180  
Db 121 LPPAELRQQLMSLMPKMHLLPPLTVLVSFWSMDMSAQSFITSSWTFLQADDGKIVIF 180  
QY 181 QSKPEIQAPHLEQBPNTLRSSLSKMSYLOWRNSQAHRNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQAPHLEQBPNTLRSSLSKMSYLOWRNSQAHRNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATVEQVPSSEKLSIYGDLEFMEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMTCATVATVEQVPSSEKLSIYGDLEFMEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 282  
US-10-142-418-272  
; Sequence 272, Application US/10142418  
; Publication No. US20030148433A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C247  
; CURRENT APPLICATION NUMBER: US/10/142,418  
; PRIOR FILING DATE: 2002-05-10  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-142-418-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSWVRVQLGLPPLILLITMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSWVRVQLGLPPLILLITMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSICQFVDGIDLNRTKLECSACTEAYSQSDQVACHLGCQNG 120  
Db 61 YPKBELYACQRCGLFSICQFVDGIDLNRTKLECSACTEAYSQSDQVACHLGCQNG 120  
QY 121 LPPAELRQQLMSLMPKMHLLPPLTVLVSFWSMDMSAQSFITSSWTFLQADDGKIVIF 180  
Db 121 LPPAELRQQLMSLMPKMHLLPPLTVLVSFWSMDMSAQSFITSSWTFLQADDGKIVIF 180  
QY 181 QSKPEIQAPHLEQBPNTLRSSLSKMSYLOWRNSQAHRNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQAPHLEQBPNTLRSSLSKMSYLOWRNSQAHRNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATVEQVPSSEKLSIYGDLEFMEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMTCATVATVEQVPSSEKLSIYGDLEFMEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 283  
US-10-142-420-272  
; Sequence 272, Application US/10142420  
; Publication No. US20030148434A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K

APPLICANT: Wood,William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P330R1C235  
CURRENT APPLICATION NUMBER: US/10/142,420  
CURRENT FILING DATE: 2002-05-09  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-142-420-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWRTQGLPPLLLTMAAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
b 1 MAAPKGSLSWRTQGLPPLLLTMAAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

Y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSDSQYACHLGCQ 120  
b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSDSQYACHLGCQ 120

Y 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
b 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

Y 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323

## RESULT 284

S-10-142-422-272

Sequence 272, Application US/10142422

Publication No. US20030148435A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P330R1C236

CURRENT APPLICATION NUMBER: US/10/142,422

CURRENT FILING DATE: 2002-05-09

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-142-422-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLLLTMAAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSLSWRTQGLPPLLLTMAAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSDSQYACHLGCQ 120  
Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSDSQYACHLGCQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLTKVNLHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLHSEI 323

## RESULT 285

US-10-142-427-272

Sequence 272, Application US/10142427

Publication No. US20030148436A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P330R1C231

CURRENT APPLICATION NUMBER: US/10/142,427

CURRENT FILING DATE: 2002-05-09

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-142-427-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
QY 61 YPKEEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
DB 61 YPKEEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPNTLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 286  
US-10-142-760-272  
; Sequence 272, Application US/10142760  
; Publication No. US2003014837A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Zhang, Zemin  
; APPLICANT: Wood, William  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C239  
; CURRENT APPLICATION NUMBER: US/10/142,760  
; CURRENT FILING DATE: 2002-05-10  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-142-760-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
QY 61 YPKEEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
DB 61 YPKEEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120

QY 121 LPFAELRQQLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPNTLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 287  
US-10-145-821-272  
; Sequence 272, Application US/10145821  
; Publication No. US2003014843A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C286  
; CURRENT APPLICATION NUMBER: US/10/145,821  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-821-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLILLTALAGSGTASAEAFDSVLGDTASCHACOLTYPLHT 60  
QY 61 YPKEEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
DB 61 YPKEEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPNTLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTLRESSLSKMSYLQMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300

b 241 ILTTTIVLSVMVLLWTCCTATVAVEQYVPSKLSIYGDLFPNNEOKLNRYFPASSLVVVR 300  
Y 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 288  
US-10-152-531-272  
Sequence 272, Application US/10152531  
Publication No. US20030148439A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C1378  
CURRENT FILING DATE: 2002-05-20  
Prior Application removed - See file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-152-531-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Y 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
b 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Y 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
b 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
Y 121 LPFAELRQELMSLMPKQHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
b 121 LPFAELRQELMSLMPKQHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQYAPHLRQEPNTNRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLRQEPNTNRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Y 241 ILTTTIVLSVMVLLWTCCTATVAVEQYVPSKLSIYGDLFPNNEOKLNRYFPASSLVVVR 300  
b 241 ILTTTIVLSVMVLLWTCCTATVAVEQYVPSKLSIYGDLFPNNEOKLNRYFPASSLVVVR 300  
Y 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 289

US-10-127-840A-272  
Sequence 272, Application US/10127840A  
Publication No. US20030153033A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C114  
CURRENT FILING DATE: 2002-10-15  
Prior Application removed - See file Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-127-840A-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKQHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKQHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLRQEPNTNRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNTNRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTILVLSVMWLLMICCATATATAVEQYVPSEKLSIYGDLEPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTILVLSVMWLLMICCATATATAVEQYVPSEKLSIYGDLEPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 290  
US-10-142-424-272  
; Sequence 272, Application US/10142424  
; Publication No. US20030153034A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C220  
; CURRENT APPLICATION NUMBER: US/10/142,424  
; CURRENT FILING DATE: 2002-05-10  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien

US-10-142-424-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWRTOLGHPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLLWRTOLGHPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLCSACTEAYSQSDQYACHLGCONQ 120  
DB 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLCSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTILVLSVMWLLMICCATATATAVEQYVPSEKLSIYGDLEPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTILVLSVMWLLMICCATATATAVEQYVPSEKLSIYGDLEPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 291  
US-10-142-761-272  
; Sequence 272, Application US/10142761  
; Publication No. US20030157601A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C223  
; CURRENT APPLICATION NUMBER: US/10/142,761  
; CURRENT FILING DATE: 2002-05-09  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien

US-10-142-761-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWRTOLGHPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLLWRTOLGHPPLILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLCSACTEAYSQSDQYACHLGCONQ 120  
DB 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLCSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTILVLSVMWLLMICCATATATAVEQYVPSEKLSIYGDLEPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTILVLSVMWLLMICCATATATAVEQYVPSEKLSIYGDLEPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 292  
US-10-142-763-272  
; Sequence 272, Application US/10142763  
; Publication No. US20030157602A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Deforge, Laura

APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C243  
CURRENT APPLICATION NUMBER: US/10/142,763  
CURRENT FILING DATE: 2002-05-10  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-142-763-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSILWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
1 MAAPKGSILWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
61 YPKKEELIYACORGCLFSLICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQ 120  
61 YPKKEELIYACORGCLFSLICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQ 120  
121 LPFAELRQBLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQBLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQVAPHELEQPTNLRESSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQVAPHELEQPTNLRESSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
241 ILTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNNEOKLARYPASSLVVVR 300  
241 ILTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNNEOKLARYPASSLVVVR 300  
301 SKTEDEEAGPLPTKNLAHSEI 323  
301 SKTEDEEAGPLPTKNLAHSEI 323

RESULT 293  
US-10-142-765-272  
Sequence 272, Application US/10142765  
Publication No US20030157603A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C212  
CURRENT APPLICATION NUMBER: US/10/142,887

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C237  
CURRENT APPLICATION NUMBER: US/10/142,765  
CURRENT FILING DATE: 2002-05-10  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-142-765-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSILWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
1 MAAPKGSILWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
61 YPKKEELIYACORGCLFSLICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQ 120  
61 YPKKEELIYACORGCLFSLICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQ 120  
121 LPFAELRQBLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQBLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQVAPHELEQPTNLRESSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQVAPHELEQPTNLRESSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
241 ILTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNNEOKLARYPASSLVVVR 300  
241 ILTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNNEOKLARYPASSLVVVR 300  
301 SKTEDEEAGPLPTKNLAHSEI 323  
301 SKTEDEEAGPLPTKNLAHSEI 323

RESULT 294  
US-10-142-887-272  
Sequence 272, Application US/10142887  
Publication No US20030157605A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C212  
CURRENT APPLICATION NUMBER: US/10/142,887



```
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-142-887-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120
DB 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120
QY 121 LPFASLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDQKIVIF 180
DB 121 LPFASLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDQKIVIF 180
QY 181 QSKPIQVAPHLEQPTNLRRESSLSKMSYLOMRSQAHNRFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPIQVAPHLEQPTNLRRESSLSKMSYLOMRSQAHNRFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHBEAGPLPTKVNLHSEI 323
DB 301 SKTEDHBEAGPLPTKVNLHSEI 323

RESULT 295
US-10-142-888-272
; Sequence 272, Application US/10142888
; Publication No. US20030157606A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C227
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-142-888-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120
DB 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120
QY 121 LPFASLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDQKIVIF 180
DB 121 LPFASLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDQKIVIF 180
QY 181 QSKPIQVAPHLEQPTNLRRESSLSKMSYLOMRSQAHNRFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPIQVAPHLEQPTNLRRESSLSKMSYLOMRSQAHNRFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHBEAGPLPTKVNLHSEI 323
DB 301 SKTEDHBEAGPLPTKVNLHSEI 323

RESULT 296
US-10-143-034-272
; Sequence 272, Application US/10143034
; Publication No. US20030157607A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C233
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-143-034-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120
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; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-142-887-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120
DB 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120
QY 121 LPFASLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDQKIVIF 180
DB 121 LPFASLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDQKIVIF 180
QY 181 QSKPIQVAPHLEQPTNLRRESSLSKMSYLOMRSQAHNRFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPIQVAPHLEQPTNLRRESSLSKMSYLOMRSQAHNRFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHBEAGPLPTKVNLHSEI 323
DB 301 SKTEDHBEAGPLPTKVNLHSEI 323

RESULT 296
US-10-143-034-272
; Sequence 272, Application US/10143034
; Publication No. US20030157607A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C233
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-143-034-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKBELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120
```

61 YPKKEELYACORGRFLSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCNQ 120  
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQAYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLFRLCLSLNSGW 240  
181 QSKPEIQAYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLFRLCLSLNSGW 240  
241 ILTTVLVSVVLLWLTICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLIVVR 300  
241 ILTTVLVSVVLLWLTICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLIVVR 300  
301 SKTEDHEEAGPLPTKYNLAHSEI 323  
301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 297  
S-10-143-116-272  
Sequence 272, Application US/10143116  
Publication No. US20030157608A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C216  
CURRENT APPLICATION NUMBER: US/10/143,116  
CURRENT FILING DATE: 2002-05-05  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-143-116-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASABAFDSVLGDTASCHACOLTYPLHT 60  
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASABAFDSVLGDTASCHACOLTYPLHT 60  
61 YPKKEELYACORGRFLSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCNQ 120  
61 YPKKEELYACORGRFLSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCNQ 120  
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQAYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLFRLCLSLNSGW 240  
181 QSKPEIQAYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLFRLCLSLNSGW 240

Db 181 QSKPEIQAYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLFRLCLSLNSGW 240  
Qy 241 ILTTVLVSVVLLWLTICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLIVVR 300  
Db 241 ILTTVLVSVVLLWLTICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLIVVR 300  
Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 298  
US-10-144-957-272  
Sequence 272, Application US/10144957  
Publication No. US20030157610A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C255  
CURRENT APPLICATION NUMBER: US/10/144,957  
CURRENT FILING DATE: 2002-05-13  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-144-957-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASABAFDSVLGDTASCHACOLTYPLHT 60  
1 MAAPKGSWVRLTQGLPPLLLTALAGSGGTASABAFDSVLGDTASCHACOLTYPLHT 60  
61 YPKKEELYACORGRFLSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCNQ 120  
61 YPKKEELYACORGRFLSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCNQ 120  
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIQAYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLFRLCLSLNSGW 240  
181 QSKPEIQAYAPHLQEPNTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLFRLCLSLNSGW 240  
241 ILTTVLVSVVLLWLTICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLIVVR 300  
241 ILTTVLVSVVLLWLTICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLIVVR 300  
301 SKTEDHEEAGPLPTKYNLAHSEI 323  
301 SKTEDHEEAGPLPTKYNLAHSEI 323

## RESULT 299

JS-10-144-992-272

; Sequence 272, Application US/10144992

; Publication No. US2003015761A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Goddard, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C259

; CURRENT APPLICATION NUMBER: US/10/144,992

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

; US-10-144-992-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120

Db 61 YPKEEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPTAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180

Db 121 LPTAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180

QY 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323

Db 301 SKTEDEHEAGPLPTKYNLAHSEI 323

## RESULT 300

US-10-145-015-272

; Sequence 272, Application US/10145015

; Publication No. US2003015761A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Goddard, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C253  
CURRENT APPLICATION NUMBER: US/10/145,015  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-015-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKEEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120

Db 61 YPKEEELIACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNQ 120

QY 121 LPTAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180

Db 121 LPTAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIYIF 180

QY 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323

Db 301 SKTEDEHEAGPLPTKYNLAHSEI 323

## RESULT 301

US-10-145-090-272

; Sequence 272, Application US/10145090

; Publication No. US2003015761A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C260  
CURRENT APPLICATION NUMBER: US/10/145,090  
CURRENT FILING DATE: 2002-05-13  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-145-090-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSLSWRTQGLPPLLLTMAAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGSLSWRTQGLPPLLLTMAAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
y 61 YPKBEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
b 61 YPKBEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
y 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
b 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
y 181 QSKPEIQYAPHLQEPNLRBSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEPNLRBSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
y 241 ILTTLVLVSVMLLIWICCATVATAVEQYVPSEKLSYIGDLFPMNEOKLNRYPASSLVVVR 300  
b 241 ILTTLVLVSVMLLIWICCATVATAVEQYVPSEKLSYIGDLFPMNEOKLNRYPASSLVVVR 300  
y 301 SKTDEHEEAGPLPTKYNLAHSEI 323  
b 301 SKTDEHEEAGPLPTKYNLAHSEI 323

RESULT 302  
S-10-145-091-272  
Sequence 272, Application US/10145091  
Publication No. US20030157614A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Deenoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary B.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C258

APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C260  
CURRENT APPLICATION NUMBER: US/10/145,091  
CURRENT FILING DATE: 2002-05-13  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-091-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWRTQGLPPLLLTMAAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSLSWRTQGLPPLLLTMAAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Qy 61 YPKBEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
Db 61 YPKBEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
Qy 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
Db 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
Qy 181 QSKPEIQYAPHLQEPNLRBSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNLRBSSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Qy 241 ILTTLVLVSVMLLIWICCATVATAVEQYVPSEKLSYIGDLFPMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTLVLVSVMLLIWICCATVATAVEQYVPSEKLSYIGDLFPMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTDEHEEAGPLPTKYNLAHSEI 323  
Db 301 SKTDEHEEAGPLPTKYNLAHSEI 323

RESULT 303  
US-10-145-128A-330  
Sequence 330, Application US/10145128A  
Publication No. US20030157615A1  
GENERAL INFORMATION:  
APPLICANT: Askenazi, Avi  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Deenoyers, Luc  
APPLICANT: Baton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavini, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C258

FILE REFERENCE: P2630PIC46  
CURRENT APPLICATION NUMBER: US/10/145,128A  
CURRENT FILING DATE: 2002-10-01  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-145-128A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRLTGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQTYPLHT 60  
DB 1 MAAPKSLWVRLTGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQTYPLHT 60  
QY 61 YKPEELVACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCNQ 120  
DB 61 YKPEELVACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCNQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTYFLOADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTYFLOADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPFTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPFTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 304  
US-10-145-629-272  
Sequence 272, Application US/10145629  
Publication No. US20030157616A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Kevin P.  
APPLICANT: Maureen, Maureen  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC264  
CURRENT APPLICATION NUMBER: US/10/145,629  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-629-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRLTGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQTYPLHT 60  
DB 1 MAAPKSLWVRLTGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQTYPLHT 60  
QY 61 YKPEELVACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCNQ 120  
DB 61 YKPEELVACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCNQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTYFLOADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTYFLOADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPFTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPFTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 305  
US-10-145-630-272  
Sequence 272, Application US/10145630  
Publication No. US20030157617A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C272

CURRENT APPLICATION NUMBER: US/10/145,630

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

3-10-145-630-272

Query Match

Best Local Similarity

Matches 323; Conservative

Score 1694; DB 14; Length 323;

Pred. No. 1.4e-172;

Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

61 YKREELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

61 YKREELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

121 LPFAELRQQLMSLMPKMLHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF 180

121 LPFAELRQQLMSLMPKMLHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF 180

181 QSKPEIQYAPHLEQSPTNLRSSLSKMSYLOWNSQAHNFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHLEQSPTNLRSSLSKMSYLOWNSQAHNFLEDGSDGFLRCLSLNSGW 240

241 ILTTVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

241 ILTTVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

301 SKTEDEHERAGPLPTKVNLAHSEI 323

301 SKTEDEHERAGPLPTKVNLAHSEI 323

RESULT 306

S-10-145-747-272

Sequence 272, Application US/10145747

Publication No. US20030157618A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C300

CURRENT APPLICATION NUMBER: US/10/145,747

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

3-10-145-747-272

Query Match

Best Local Similarity

Matches 323; Conservative

Score 1694; DB 14; Length 323;

Pred. No. 1.4e-172;

Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

61 YKREELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

61 YKREELIYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

121 LPFAELRQQLMSLMPKMLHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF 180

121 LPFAELRQQLMSLMPKMLHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF 180

181 QSKPEIQYAPHLEQSPTNLRSSLSKMSYLOWNSQAHNFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHLEQSPTNLRSSLSKMSYLOWNSQAHNFLEDGSDGFLRCLSLNSGW 240

241 ILTTVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

241 ILTTVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

301 SKTEDEHERAGPLPTKVNLAHSEI 323

301 SKTEDEHERAGPLPTKVNLAHSEI 323

RESULT 307

US-10-145-752-272

Sequence 272, Application US/10145752

Publication No. US20030157619A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C292

CURRENT APPLICATION NUMBER: US/10/145,752

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-145-752-272

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Db 1 MAAPKGSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60
QY 61 YPKBEELVACQRCGLFISICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
Db 61 YPKBEELVACQRCGLFISICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELROEQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELROEQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 308
US-10-145-754-272
; Sequence 272, Application US/10145754
; Publication No. US20030157620A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C287
; CURRENT APPLICATION NUMBER: US/10/145,754
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-145-754-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60
Db 1 MAAPKGSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60
QY 61 YPKBEELVACQRCGLFISICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
Db 61 YPKBEELVACQRCGLFISICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELROEQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELROEQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
```

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Db 121 LPFAELROEQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 309
US-10-145-755-272
; Sequence 272, Application US/10145755
; Publication No. US20030157621A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C270
; CURRENT APPLICATION NUMBER: US/10/145,755
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-145-755-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60
Db 1 MAAPKGSWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHACQTYPLHT 60
QY 61 YPKBEELVACQRCGLFISICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
Db 61 YPKBEELVACQRCGLFISICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELROEQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELROEQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
```

Y 301 SKTEDHEEAGPLTKYNLAHSEI 323  
b 301 SKTEDHEEAGPLTKYNLAHSEI 323

## RESULT 310

S-10-145-818-272  
Sequence 272, Application US/10145818  
Publication No. US20030157622A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C290  
CURRENT APPLICATION NUMBER: US/10/145,818  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-145-818-272

Query Match 100.0%; Score 1594; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLSVRTQLGPPILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
b 1 MAAPKGLSVRTQLGPPILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Y 61 YPKRELYACQRCRLFSICQPVDDGIDILNRTKLCESSACTEAYSQSDQVACHLGCQNQ 120  
b 61 YPKRELYACQRCRLFSICQPVDDGIDILNRTKLCESSACTEAYSQSDQVACHLGCQNQ 120  
Y 121 LPFAELRQSLMSLPKMHLLPPLTLVRSFWMDSQSFITSSMTFVLQADGKIVIF 180  
b 121 LPFAELRQSLMSLPKMHLLPPLTLVRSFWMDSQSFITSSMTFVLQADGKIVIF 180  
Y 181 QSKPEIQVAPHLEQEPNLRSSLSKMSYLQWRNSQAHNRFLEDGESDGLRCLSLNSGW 240  
b 181 QSKPEIQVAPHLEQEPNLRSSLSKMSYLQWRNSQAHNRFLEDGESDGLRCLSLNSGW 240  
Y 241 ILTTVLVSNVLLWTCATVATAEQVPSKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
b 241 ILTTVLVSNVLLWTCATVATAEQVPSKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
Y 301 SKTEDHEEAGPLTKYNLAHSEI 323  
b 301 SKTEDHEEAGPLTKYNLAHSEI 323

## RESULT 311

S-10-145-820-272  
Sequence 272, Application US/10145820

Publication No. US20030157623A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C276  
CURRENT APPLICATION NUMBER: US/10/145,820  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-145-818-272



;; PRIOR FILING DATE: 1997-10-29  
;; PRIOR APPLICATION NUMBER: 60/063735  
;; PRIOR FILING DATE: 1997-10-29  
;; PRIOR APPLICATION NUMBER: 60/063738  
;; PRIOR FILING DATE: 1997-10-29  
;; PRIOR APPLICATION NUMBER: 60/063755  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/064248  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/064809  
;; PRIOR FILING DATE: 1997-11-07  
;; PRIOR APPLICATION NUMBER: 60/065186  
;; PRIOR FILING DATE: 1997-11-12  
;; PRIOR APPLICATION NUMBER: 60/065846  
;; PRIOR FILING DATE: 1997-11-17  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/066453  
;; PRIOR FILING DATE: 1997-11-24  
;; PRIOR APPLICATION NUMBER: 60/066511  
;; PRIOR FILING DATE: 1997-11-24  
;; PRIOR APPLICATION NUMBER: 60/066770  
;; PRIOR FILING DATE: 1997-11-24  
;; PRIOR APPLICATION NUMBER: 60/069212  
;; PRIOR FILING DATE: 1997-12-11  
;; PRIOR APPLICATION NUMBER: 60/069278  
;; PRIOR FILING DATE: 1997-12-11  
;; PRIOR APPLICATION NUMBER: 60/069334  
;; PRIOR FILING DATE: 1997-12-11  
;; PRIOR APPLICATION NUMBER: 60/069694  
;; PRIOR FILING DATE: 1997-12-16  
;; PRIOR APPLICATION NUMBER: 60/072320  
;; PRIOR FILING DATE: 1998-01-23  
;; PRIOR APPLICATION NUMBER: 60/073612  
;; PRIOR FILING DATE: 1998-02-04  
;; PRIOR APPLICATION NUMBER: 60/074086  
;; PRIOR FILING DATE: 1998-02-09  
;; PRIOR APPLICATION NUMBER: 60/074092  
;; PRIOR FILING DATE: 1998-02-09  
;; PRIOR APPLICATION NUMBER: 60/077791  
;; PRIOR FILING DATE: 1998-03-12  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079663  
;; PRIOR FILING DATE: 1998-02-27  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/080165  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/081203  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081229  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081695  
;; PRIOR FILING DATE: 1998-04-14  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
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;; PRIOR FILING DATE: 1998-04-15  
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;; PRIOR FILING DATE: 1998-04-24  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07

;; PRIOR APPLICATION NUMBER: 60/085149  
;; PRIOR FILING DATE: 1998-05-12  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/086414  
;; PRIOR FILING DATE: 1998-05-22  
;; PRIOR APPLICATION NUMBER: 60/086430  
;; PRIOR FILING DATE: 1998-05-22  
;; PRIOR APPLICATION NUMBER: 60/087106  
;; PRIOR FILING DATE: 1998-05-28  
;; PRIOR APPLICATION NUMBER: 60/088026  
;; PRIOR FILING DATE: 1998-06-04  
;; PRIOR APPLICATION NUMBER: 60/088730  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088741  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088810  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088858  
;; PRIOR FILING DATE: 1998-06-11  
;; PRIOR APPLICATION NUMBER: 60/089532  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089599  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089907  
;; PRIOR FILING DATE: 1998-06-18  
;; PRIOR APPLICATION NUMBER: 60/089947  
;; PRIOR FILING DATE: 1998-06-19  
;; PRIOR APPLICATION NUMBER: 60/090349  
;; PRIOR FILING DATE: 1998-06-23  
;; PRIOR APPLICATION NUMBER: 60/090429  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090445  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090538  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090863  
;; PRIOR FILING DATE: 1998-06-26  
;; PRIOR APPLICATION NUMBER: 60/091360  
;; PRIOR FILING DATE: 1998-07-01  
;; PRIOR APPLICATION NUMBER: 60/091519  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Mismatches 0; Gaps 0;  
Matches 323; Conservative 0;

Qy 1 MAAPKSLWVRTQLGLPPLILLTALAGSGTASAPFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKSLWVRTQLGLPPLILLTALAGSGTASAPFDSVLGDTASCHRAQOLTYPLHT 60  
Qy 61 YPKRELYACQCGRLFSICQFVDDGIDLNRTKLCSACTEAYSQSDQVACHLGCQNO 120  
Db 61 YPKRELYACQCGRLFSICQFVDDGIDLNRTKLCSACTEAYSQSDQVACHLGCQNO 120  
Qy 121 LPPAELRQQLMSLAPKMLLPPLTLVRSFMSDMDSAQSFITSSWTLYLQADGKIVIF 180  
Db 121 LPPAELRQQLMSLAPKMLLPPLTLVRSFMSDMDSAQSFITSSWTLYLQADGKIVIF 180  
Qy 181 QSKPEIQYAPHLEQBPFTNLRESLSKMSYLQNRNSQARNFLEDGESDGLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQBPFTNLRESLSKMSYLQNRNSQARNFLEDGESDGLRCLSLNSGW 240



APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC360  
CURRENT APPLICATION NUMBER: US/10/147,481  
CURRENT FILING DATE: 2002-05-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-147-481-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQLGLPPELLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQLGLPPELLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
DB 61 YKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTYFLQADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTYFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPFTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPFTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHAGPLPTKVNLAHSEI 323

RESULT 315  
US-10-147-482-272  
Sequence 272, Application US/10147482  
Publication No. US20030157627A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC335  
CURRENT APPLICATION NUMBER: US/10/147,503

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC364  
CURRENT APPLICATION NUMBER: US/10/147,482  
CURRENT FILING DATE: 2002-05-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-147-482-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQLGLPPELLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQLGLPPELLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
DB 61 YKKEELYACQRCGLFSLICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTYFLQADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTYFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPFTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPFTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHAGPLPTKVNLAHSEI 323

RESULT 316  
US-10-147-503-272  
Sequence 272, Application US/10147503  
Publication No. US20030157628A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC335  
CURRENT APPLICATION NUMBER: US/10/147,503

CURRENT FILING DATE: 2002-05-16  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-147-503-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Y 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60
b 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60
Y 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDROYACHLGCQ 120
b 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDROYACHLGCQ 120
Y 121 LPFAELRQEQLSMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQLSMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIQYAPHLRQEPNLRRESSLSKMSYLQMSNQAHRNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLRQEPNLRRESSLSKMSYLQMSNQAHRNFLEDGESDGLRCLSLNSGW 240
Y 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEOKLNRYPASSLIVVR 300
b 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEOKLNRYPASSLIVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
```

RESULT 317

IS-10-147-522-272

Sequence 272, Application US/10147522

Publication No. US20030157629A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C359

CURRENT APPLICATION NUMBER: US/10/147,522

CURRENT FILING DATE: 2002-05-17

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

IS-10-147-522-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDROYACHLGCQ 120
DB 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDROYACHLGCQ 120
QY 121 LPFAELRQEQLSMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQLSMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLRQEPNLRRESSLSKMSYLQMSNQAHRNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLRQEPNLRRESSLSKMSYLQMSNQAHRNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEOKLNRYPASSLIVVR 300
DB 241 ILTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEOKLNRYPASSLIVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323
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RESULT 318

US-10-152-401-272

Sequence 272, Application US/10152401

Publication No. US20030157630A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C385

CURRENT APPLICATION NUMBER: US/10/152,401

CURRENT FILING DATE: 2002-05-20

Prior Application removed - See file Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-152-401-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60
DB 1 MAAPKGSLSWVRLTGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDROYACHLGCQ 120
```

Db 181 QSKPEIQAPHLEQBPNTNLRSSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 320  
US-10-158-792-272  
; Sequence 272, Application US/10158792  
; Publication No. US20030157632A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C460  
; CURRENT APPLICATION NUMBER: US/10/158,792  
; CURRENT FILING DATE: 2002-05-30  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-158-792-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLLWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSLLWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKREELVACQRCGLFSTICQFVDDGIDLNRKTLCEESACTEAYSQSDQVACHLGCQNG 120  
Db 61 YPKREELVACQRCGLFSTICQFVDDGIDLNRKTLCEESACTEAYSQSDQVACHLGCQNG 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDSAQSPITSSWTFLQADGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDSAQSPITSSWTFLQADGKIVIF 180  
QY 181 QSKPEIQAPHLEQBPNTNLRSSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
Db 181 QSKPEIQAPHLEQBPNTNLRSSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

Db 61 YPKREELVACQRCGLFSTICQFVDDGIDLNRKTLCEESACTEAYSQSDQVACHLGCQNG 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDSAQSPITSSWTFLQADGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDSAQSPITSSWTFLQADGKIVIF 180  
QY 181 QSKPEIQAPHLEQBPNTNLRSSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
Db 181 QSKPEIQAPHLEQBPNTNLRSSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 319  
US-10-157-783-272  
; Sequence 272, Application US/10157783  
; Publication No. US20030157631A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C435  
; CURRENT APPLICATION NUMBER: US/10/157,783  
; CURRENT FILING DATE: 2002-05-29  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-157-783-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLLWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSLLWVRLTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKREELVACQRCGLFSTICQFVDDGIDLNRKTLCEESACTEAYSQSDQVACHLGCQNG 120  
Db 61 YPKREELVACQRCGLFSTICQFVDDGIDLNRKTLCEESACTEAYSQSDQVACHLGCQNG 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDSAQSPITSSWTFLQADGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDSAQSPITSSWTFLQADGKIVIF 180  
QY 181 QSKPEIQAPHLEQBPNTNLRSSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240



APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C301  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-751-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSCIQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCONQ 120  
DB 61 YPKBELYACQRCGLFSCIQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCONQ 120  
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFMSDMWDSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFMSDMWDSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSWVLLWCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSWVLLWCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 324  
US-10-145-822-272  
Sequence 272, Application US/10145822  
Publication No. US20030166075A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C302  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-822-272

CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-822-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSCIQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCONQ 120  
DB 61 YPKBELYACQRCGLFSCIQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCONQ 120  
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFMSDMWDSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFMSDMWDSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSWVLLWCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSWVLLWCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 325  
US-10-145-824-272  
Sequence 272, Application US/10145824  
Publication No. US20030166076A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C280  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-824-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
b 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

y 61 YPKEELIYAQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDRYACHLGCQNO 120  
b 61 YPKEELIYAQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDRYACHLGCQNO 120

y 121 LPFAELRQEOQLMSLMPKMLLPPLTLVRFSWSDMDMSAQSPITSSWTFYLOADDGKIVIF 180  
b 121 LPFAELRQEOQLMSLMPKMLLPPLTLVRFSWSDMDMSAQSPITSSWTFYLOADDGKIVIF 180

y 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOQNSQAHNFLEDSGDFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOQNSQAHNFLEDSGDFLRCLSLNSGW 240

y 241 ILTTTLVLSVMVLLWCCTATVATVQYVPSEKLSYGLDFPANEOKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLWCCTATVATVQYVPSEKLSYGLDFPANEOKLNRYPASSLVVVR 300

y 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 326  
S-10-145-827-272  
Sequence 272, Application US/10145827  
Publication No. US20030166077A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Deenoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C265  
CURRENT APPLICATION NUMBER: US/10/145,827  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-827-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
b 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

y 61 YPKEELIYAQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDRYACHLGCQNO 120  
b 61 YPKEELIYAQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDRYACHLGCQNO 120

y 121 LPFAELRQEOQLMSLMPKMLLPPLTLVRFSWSDMDMSAQSPITSSWTFYLOADDGKIVIF 180  
b 121 LPFAELRQEOQLMSLMPKMLLPPLTLVRFSWSDMDMSAQSPITSSWTFYLOADDGKIVIF 180

y 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOQNSQAHNFLEDSGDFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOQNSQAHNFLEDSGDFLRCLSLNSGW 240

y 241 ILTTTLVLSVMVLLWCCTATVATVQYVPSEKLSYGLDFPANEOKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLWCCTATVATVQYVPSEKLSYGLDFPANEOKLNRYPASSLVVVR 300

y 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323

Db 61 YPKEELIYAQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDRYACHLGCQNO 120  
Qy 121 LPFAELRQEOQLMSLMPKMLLPPLTLVRFSWSDMDMSAQSPITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEOQLMSLMPKMLLPPLTLVRFSWSDMDMSAQSPITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOQNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOQNSQAHNFLEDSGDFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWCCTATVATVQYVPSEKLSYGLDFPANEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWCCTATVATVQYVPSEKLSYGLDFPANEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLTKVNLHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 327  
US-10-145-869-272  
Sequence 272, Application US/10145869  
Publication No. US20030166078A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Deenoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C295  
CURRENT APPLICATION NUMBER: US/10/145,869  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-869-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKSLWRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60

Qy 61 YPKEELIYAQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDRYACHLGCQNO 120  
Db 61 YPKEELIYAQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDRYACHLGCQNO 120

Qy 121 LPFAELRQEOQLMSLMPKMLLPPLTLVRFSWSDMDMSAQSPITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEOQLMSLMPKMLLPPLTLVRFSWSDMDMSAQSPITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOQNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNTLRSSLSKMSYLOQNSQAHNFLEDSGDFLRCLSLNSGW 240



Db 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQVRNSQAHNFLEDSGDFLRCLSNSGW 240  
Qy 241 ILTTTLVLSVWLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDEEAGPLPTKYNLAHSEI 323

RESULT 328  
US-10-145-875-272  
; Sequence 272, Application US/10145875  
; Publication No. US20030166079A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC298  
; CURRENT APPLICATION NUMBER: US/10/145,875  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-875-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSWVRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Qy 61 YPKRELYACQRCGLFSLICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCONQ 120  
Db 61 YPKRELYACQRCGLFSLICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCONQ 120  
Qy 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIYIF 180  
Db 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIYIF 180  
Qy 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQVRNSQAHNFLEDSGDFLRCLSNSGW 240  
Db 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQVRNSQAHNFLEDSGDFLRCLSNSGW 240  
Qy 241 ILTTTLVLSVWLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDEEAGPLPTKYNLAHSEI 323

RESULT 329  
US-10-145-877-272  
; Sequence 272, Application US/10145877  
; Publication No. US20030166080A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330RIC288  
; CURRENT APPLICATION NUMBER: US/10/145,877  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-877-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSWVRQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Qy 61 YPKRELYACQRCGLFSLICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCONQ 120  
Db 61 YPKRELYACQRCGLFSLICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCONQ 120  
Qy 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIYIF 180  
Db 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFITSSWTFLQADGKIYIF 180  
Qy 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQVRNSQAHNFLEDSGDFLRCLSNSGW 240  
Db 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQVRNSQAHNFLEDSGDFLRCLSNSGW 240  
Qy 241 ILTTTLVLSVWLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDEEAGPLPTKYNLAHSEI 323

RESULT 330  
US-10-145-958-272  
; Sequence 272, Application US/10145958  
; Publication No. US20030166081A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C278

CURRENT APPLICATION NUMBER: US/10/145,958

CURRENT FILING DATE: 2002-05-14

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-145-958-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRLTQGLPPIILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

b 1 MAAPKGSLSWVRLTQGLPPIILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Y 61 YPKREELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120

b 61 YPKREELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120

Y 121 LPFAELRQEQQLMSLMPKMHLLPFTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

b 121 LPFAELRQEQQLMSLMPKMHLLPFTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQYAPHLQEPNTLRSSLSKMSVLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

b 181 QSKPEIQYAPHLQEPNTLRSSLSKMSVLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

Y 241 ILTTVLVSWVLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

b 241 ILTTVLVSWVLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

Y 301 SKTEDHEEAGPLTKVNLHSEI 323

b 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 331

S-10-146-787-272

Sequence 272, Application US/10146787

Publication No. US20030166082A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C316

CURRENT APPLICATION NUMBER: US/10/146,787

CURRENT FILING DATE: 2002-05-15

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-146-787-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPIILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Db 1 MAAPKGSLSWVRLTQGLPPIILLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKREELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120

Db 61 YPKREELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNQ 120

QY 121 LPFAELRQEQQLMSLMPKMHLLPFTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMHLLPFTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLQEPNTLRSSLSKMSVLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

Db 181 QSKPEIQYAPHLQEPNTLRSSLSKMSVLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTVLVSWVLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

Db 241 ILTTVLVSWVLLTCCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLTKVNLHSEI 323

Db 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 332

US-10-146-790-272

Sequence 272, Application US/10146790

Publication No. US20030166083A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C324

; CURRENT APPLICATION NUMBER: US/10/146,790  
; CURRENT FILING DATE: 2002-05-15  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
; US-10-146-790-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELVACORGCHLPSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBELVACORGCHLPSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPPAELRQELMSLMPKMHLLFPPLTVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQELMSLMPKMHLLFPPLTVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPIQIAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPIQIAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNNQKLNRYPASSLVVVR 300  
QY 301 SKTEDHREAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHREAGPLPTKVNLAHSEI 323

## RESULT 333

US-10-146-793-272  
; Sequence 272, Application US/10146793  
; Publication No. US20030166084A1  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filwaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C310  
; CURRENT APPLICATION NUMBER: US/10/146,793  
; CURRENT FILING DATE: 2002-05-15  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
; US-10-146-793-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELVACORGCHLPSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBELVACORGCHLPSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPPAELRQELMSLMPKMHLLFPPLTVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQELMSLMPKMHLLFPPLTVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPIQIAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPIQIAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNNQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNNQKLNRYPASSLVVVR 300  
QY 301 SKTEDHREAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHREAGPLPTKVNLAHSEI 323

## RESULT 334

US-10-147-480-272  
; Sequence 272, Application US/10147480  
; Publication No. US20030166085A1  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filwaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C369  
; CURRENT APPLICATION NUMBER: US/10/147,480  
; CURRENT FILING DATE: 2002-05-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
; US-10-147-480-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVTRTQGLPPLLLITMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

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Y 61 YPKEELIYACORGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDROYACHLGCONQ 120
b 61 YPKEELIYACORGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDROYACHLGCONQ 120
Y 121 LPFAELRQEQMLSLMPKHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQMLSLMPKHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIOYAPHLEQEPNTNRESLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240
b 181 QSKPEIOYAPHLEQEPNTNRESLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240
Y 241 ILTTTLVLSVNVLLMIICATVATAVEQYVPSSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVNVLLMIICATVATAVEQYVPSSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 335
US-10-147-485-272
; Sequence 272, Application US/10147485
; Publication No. US20030166086A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C368
; CURRENT APPLICATION NUMBER: US/10/147,485
; Prior Filing Date: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-485-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSILWVRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
b 1 MAAPKGSILWVRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Y 61 YPKEELIYACORGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDROYACHLGCONQ 120
b 61 YPKEELIYACORGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDROYACHLGCONQ 120
Y 121 LPFAELRQEQMLSLMPKHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQMLSLMPKHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Y 181 QSKPEIOYAPHLEQEPNTNRESLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240
b 181 QSKPEIOYAPHLEQEPNTNRESLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240
Y 241 ILTTTLVLSVNVLLMIICATVATAVEQYVPSSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVNVLLMIICATVATAVEQYVPSSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
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Db 181 QSKPEIOYAPHLEQEPNTNRESLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVNVLLMIICATVATAVEQYVPSSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVNVLLMIICATVATAVEQYVPSSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 336
US-10-147-486-272
; Sequence 272, Application US/10147486
; Publication No. US20030166087A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C365
; CURRENT APPLICATION NUMBER: US/10/147,486
; Prior Filing Date: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-486-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGSILWVRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEELIYACORGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDROYACHLGCONQ 120
Db 61 YPKEELIYACORGLPSICQFVDDGIDLNRTKLECESACTEAYSQSDROYACHLGCONQ 120
QY 121 LPFAELRQEQMLSLMPKHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLSLMPKHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIOYAPHLEQEPNTNRESLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIOYAPHLEQEPNTNRESLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVNVLLMIICATVATAVEQYVPSSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVNVLLMIICATVATAVEQYVPSSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323
```

Db 301 SKTEDEHEAGPLTKVNLHSEI 323

RESULT 337

US-10-147-487-272

; Sequence 272, Application US/10147487

; Publication No. US20030166088A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P33301C341

; CURRENT APPLICATION NUMBER: US/10/147,487

; CURRENT FILING DATE: 2002-05-17

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-147-487-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MAAPKSLWRTQLGHPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
Db	1	MAAPKSLWRTQLGHPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
Qy	61	YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNQ	120
Db	61	YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNQ	120
Qy	121	LPFAELRQOLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDCKIVIF	180
Db	121	LPFAELRQOLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDCKIVIF	180
Qy	181	QSKPEIQYAPHLQEPTNLRESLSKMSYLOMNSQAHNRFLEDGESDGFCLSLNSGW	240
Db	181	QSKPEIQYAPHLQEPTNLRESLSKMSYLOMNSQAHNRFLEDGESDGFCLSLNSGW	240
Qy	241	ILTTTIVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLEFNNQKLNRYPASSLVVVR	300
Db	241	ILTTTIVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLEFNNQKLNRYPASSLVVVR	300
Qy	301	SKTEDEHEAGPLTKVNLHSEI 323	
Db	301	SKTEDEHEAGPLTKVNLHSEI 323	

RESULT 338

US-10-147-490-272

; Sequence 272, Application US/10147490

; Publication No. US20030166089A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P33301C351

; CURRENT APPLICATION NUMBER: US/10/147,490

; CURRENT FILING DATE: 2002-05-17

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-147-490-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MAAPKSLWRTQLGHPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
Db	1	MAAPKSLWRTQLGHPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
Qy	61	YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNQ	120
Db	61	YPKEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNQ	120
Qy	121	LPFAELRQOLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDCKIVIF	180
Db	121	LPFAELRQOLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDCKIVIF	180
Qy	181	QSKPEIQYAPHLQEPTNLRESLSKMSYLOMNSQAHNRFLEDGESDGFCLSLNSGW	240
Db	181	QSKPEIQYAPHLQEPTNLRESLSKMSYLOMNSQAHNRFLEDGESDGFCLSLNSGW	240
Qy	241	ILTTTIVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLEFNNQKLNRYPASSLVVVR	300
Db	241	ILTTTIVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLEFNNQKLNRYPASSLVVVR	300
Qy	301	SKTEDEHEAGPLTKVNLHSEI 323	
Db	301	SKTEDEHEAGPLTKVNLHSEI 323	

RESULT 339

US-10-147-494-272

; Sequence 272, Application US/10147494

; Publication No. US20030166090A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C374  
CURRENT APPLICATION NUMBER: US/10/147,494  
CURRENT FILING DATE: 2002-05-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-147-494-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
1 MAAPKGLWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKEEELIYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
61 YPKEEELIYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120

121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHELEPTNLRSSLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHELEPTNLRSSLSKMSYLQMRNSQAHNRFLEDGSDGFLRCLSLNSGW 240

241 ILTTTLVLSVWLLMVICATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVWLLMVICATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300

301 SKTEDHEAGPLPTKVNLAHSEI 323  
301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 340  
US-10-147-498-272  
Sequence 272, Application US/10147498  
Publication No. US20030166091A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C366  
CURRENT APPLICATION NUMBER: US/10/147,514  
CURRENT FILING DATE: 2002-05-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien

US-10-147-514-272  
Sequence 272, Application US/10147514  
Publication No. US20030166092A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C366  
CURRENT APPLICATION NUMBER: US/10/147,514  
CURRENT FILING DATE: 2002-05-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien

US-10-147-514-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTLQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVTLQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKBEELVACQCGCLPFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBEELVACQCGCLPFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPPAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 OSKPEIOYAPHLEQEPNTLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240  
DB 181 OSKPEIOYAPHLEQEPNTLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLIVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLIVVVR 300  
QY 301 SKTEDEHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEEAGPLPTKVNLAHSEI 323

RESULT 342

US-10-147-524-272  
; Sequence 272, Application US/10147524  
; Publication No. US20030166093A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C336  
; CURRENT APPLICATION NUMBER: US/10/147,524  
; CURRENT FILING DATE: 2002-05-16  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien

US-10-147-524-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTLQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVTLQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELVACQCGCLPFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBEELVACQCGCLPFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPPAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 OSKPEIOYAPHLEQEPNTLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240  
DB 181 OSKPEIOYAPHLEQEPNTLRSSLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLIVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLIVVVR 300  
QY 301 SKTEDEHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEEAGPLPTKVNLAHSEI 323

RESULT 343

US-10-152-379-272  
; Sequence 272, Application US/10152379  
; Publication No. US20030166094A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C390  
; CURRENT APPLICATION NUMBER: US/10/152,379  
; CURRENT FILING DATE: 2002-05-21  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien

US-10-152-379-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTLQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVTLQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKBEELVACQCGCLPFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBEELVACQCGCLPFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPPAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSTPEIQYAPHLBOEPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFECLSLNSGW 240  
181 QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFECLSLNSGW 240  
241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLFPWNEOKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLFPWNEOKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKYNLAHSEI 323  
301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 344  
US-10-152-394-272  
Sequence 272, Application US/10152394  
Publication No. US20030166095A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C398  
CURRENT APPLICATION NUMBER: US/10/152,394  
CURRENT FILING DATE: 2002-05-21  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-152-394-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGS LWRTQGLPPLLLTMA LAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
1 MAAPKGS LWRTQGLPPLLLTMA LAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
61 YPKEEEL YACQRCRLFSICQFVDDGIDLNR TKLECESACTEAYSQSDEQYACHLGCCNQ 120  
61 YPKEEEL YACQRCRLFSICQFVDDGIDLNR TKLECESACTEAYSQSDEQYACHLGCCNQ 120  
121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
181 QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFECLSLNSGW 240  
181 QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFECLSLNSGW 240  
241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLFPWNEOKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLFPWNEOKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKYNLAHSEI 323  
301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 346  
US-10-156-847-272  
Sequence 272, Application US/10156847  
Publication No. US20030166098A1  
GENERAL INFORMATION:

Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 345  
US-10-152-406-272  
Sequence 272, Application US/10152406  
Publication No. US20030166096A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C381  
CURRENT APPLICATION NUMBER: US/10/152,406  
CURRENT FILING DATE: 2002-05-20  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-152-406-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGS LWRTQGLPPLLLTMA LAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
1 MAAPKGS LWRTQGLPPLLLTMA LAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
61 YPKEEEL YACQRCRLFSICQFVDDGIDLNR TKLECESACTEAYSQSDEQYACHLGCCNQ 120  
61 YPKEEEL YACQRCRLFSICQFVDDGIDLNR TKLECESACTEAYSQSDEQYACHLGCCNQ 120  
121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
121 LPFAELRQEQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
181 QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFECLSLNSGW 240  
181 QSKPEIQYAPHLBOEPTNLRESSLSKMSYLOMRNSQAHNFLEDSGDFECLSLNSGW 240  
241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLFPWNEOKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGDLFPWNEOKLNRYPASSLVVVR 300  
301 SKTEDHEEAGPLPTKYNLAHSEI 323  
301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 346  
US-10-156-847-272  
Sequence 272, Application US/10156847  
Publication No. US20030166098A1  
GENERAL INFORMATION:



```

; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C423
; CURRENT APPLICATION NUMBER: US/10/156.847
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-156-847-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2Y 1 MAAPKGSLLWVTRTQGLPPLLLLTWALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60
   |||||
Db 1 MAAPKGSLLWVTRTQGLPPLLLLTWALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60
   |||||

QY 61 YPKEELVACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNG 120
   |||||
Db 61 YPKEELVACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNG 120
   |||||

QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
   |||||
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
   |||||

QY 181 QSKPIQIAPHLEQPTNLRESSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
   |||||
Db 181 QSKPIQIAPHLEQPTNLRESSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
   |||||

QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMAEQKLNRYPASSLVVVR 300
   |||||
Db 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMAEQKLNRYPASSLVVVR 300
   |||||

QY 301 SKTDEHEEAGPLPTKVNLAHSEI 323
   |||||
Db 301 SKTDEHEEAGPLPTKVNLAHSEI 323
   |||||

RESULT 347
US-10-157-778-272
; Sequence 272, Application US/10157778
; Publication No. US20030166100A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C423
; CURRENT APPLICATION NUMBER: US/10/156.847
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-156-847-272

```

```

; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C442
; CURRENT APPLICATION NUMBER: US/10/157.778
; CURRENT FILING DATE: 2002-05-29
; Prior Application remove - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-157-778-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWVTRTQGLPPLLLLTWALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60
   |||||
Db 1 MAAPKGSLLWVTRTQGLPPLLLLTWALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60
   |||||

QY 61 YPKEELVACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNG 120
   |||||
Db 61 YPKEELVACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNG 120
   |||||

QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
   |||||
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
   |||||

QY 181 QSKPIQIAPHLEQPTNLRESSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
   |||||
Db 181 QSKPIQIAPHLEQPTNLRESSLSKMSYLOMRNSQAHRNFLEDGESDGFRLCLSLNSGW 240
   |||||

QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMAEQKLNRYPASSLVVVR 300
   |||||
Db 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMAEQKLNRYPASSLVVVR 300
   |||||

QY 301 SKTDEHEEAGPLPTKVNLAHSEI 323
   |||||
Db 301 SKTDEHEEAGPLPTKVNLAHSEI 323
   |||||

RESULT 348
US-10-157-799-272
; Sequence 272, Application US/10157799
; Publication No. US20030166101A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C442
; CURRENT APPLICATION NUMBER: US/10/157.778
; CURRENT FILING DATE: 2002-05-29
; Prior Application remove - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-157-778-272

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FILE REFERENCE: P3330R1C426  
CURRENT APPLICATION NUMBER: US/10/157,799  
CURRENT FILING DATE: 2002-05-29  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-157-799-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKSLWVRLTQGLPPLILLTALAGSGGTASAFSDVLGDTASCHRACOLTYPLHT 60  
b 1 MAAPKSLWVRLTQGLPPLILLTALAGSGGTASAFSDVLGDTASCHRACOLTYPLHT 60

Y 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120  
b 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120

Y 121 LPFAELRQEQSLMSPKHLPLTLVRSGFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
b 121 LPFAELRQEQSLMSPKHLPLTLVRSGFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQYAPHLQEPNTNRESSLKMSYLOKNSQAHNFLEDGSDGFLCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEPNTNRESSLKMSYLOKNSQAHNFLEDGSDGFLCLSLNSGW 240

Y 241 ILTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
b 241 ILTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 349

IS-10-160-504-272  
Sequence 272, Application US/10160504  
Publication No. US20030166102A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C454  
CURRENT APPLICATION NUMBER: US/10/160,504  
CURRENT FILING DATE: 2002-05-30  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
IS-10-160-504-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWVRLTQGLPPLILLTALAGSGGTASAFSDVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKSLWVRLTQGLPPLILLTALAGSGGTASAFSDVLGDTASCHRACOLTYPLHT 60

QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120  
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDROYACHLGCQ 120

QY 121 LPFAELRQEQSLMSPKHLPLTLVRSGFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEQSLMSPKHLPLTLVRSGFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLQEPNTNRESSLKMSYLOKNSQAHNFLEDGSDGFLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNTNRESSLKMSYLOKNSQAHNFLEDGSDGFLCLSLNSGW 240

QY 241 ILTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTLVLSVMVLLWICCATVATAVEQYVPESEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 350

US-10-017-191A-330  
Sequence 330, Application US/10017191A  
Publication No. US20030170254A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C62  
CURRENT APPLICATION NUMBER: US/10/017,191A  
CURRENT FILING DATE: 2001-10-24  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03

PRIOR FILING DATE: 1998-04-15	PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15	PRIOR APPLICATION NUMBER: 60/081952
PRIOR FILING DATE: 1998-04-15	PRIOR APPLICATION NUMBER: 60/081838
PRIOR FILING DATE: 1998-04-15	PRIOR APPLICATION NUMBER: 60/082568
PRIOR FILING DATE: 1998-04-21	PRIOR APPLICATION NUMBER: 60/082569
PRIOR FILING DATE: 1998-04-21	PRIOR APPLICATION NUMBER: 60/082704
PRIOR FILING DATE: 1998-04-22	PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22	PRIOR APPLICATION NUMBER: 60/082700
PRIOR FILING DATE: 1998-04-22	PRIOR APPLICATION NUMBER: 60/082797
PRIOR FILING DATE: 1998-04-22	PRIOR APPLICATION NUMBER: 60/082796
PRIOR FILING DATE: 1998-04-23	PRIOR APPLICATION NUMBER: 60/083336
PRIOR FILING DATE: 1998-04-27	PRIOR APPLICATION NUMBER: 60/083322
PRIOR FILING DATE: 1998-04-28	PRIOR APPLICATION NUMBER: 60/083392
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083495
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083496
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083499
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083545
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083554
PRIOR FILING DATE: 1998-04-29	PRIOR APPLICATION NUMBER: 60/083742
PRIOR FILING DATE: 1998-04-30	PRIOR APPLICATION NUMBER: 60/083466
PRIOR FILING DATE: 1998-05-05	PRIOR APPLICATION NUMBER: 60/084414
PRIOR FILING DATE: 1998-05-06	PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06	PRIOR APPLICATION NUMBER: 60/084637
PRIOR FILING DATE: 1998-05-07	PRIOR APPLICATION NUMBER: 60/084639
PRIOR FILING DATE: 1998-05-07	PRIOR APPLICATION NUMBER: 60/084640
PRIOR FILING DATE: 1998-05-07	PRIOR APPLICATION NUMBER: 60/084598
PRIOR FILING DATE: 1998-05-07	PRIOR APPLICATION NUMBER: 60/084600
PRIOR FILING DATE: 1998-05-07	PRIOR APPLICATION NUMBER: 60/084627
PRIOR FILING DATE: 1998-05-07	PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-07	PRIOR APPLICATION NUMBER: 60/084643
PRIOR FILING DATE: 1998-05-13	PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13	PRIOR APPLICATION NUMBER: 60/085582
PRIOR FILING DATE: 1998-05-13	PRIOR APPLICATION NUMBER: 60/085582

PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSVWRTQLGPPILLTLMALAGSGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
b 1 MAAPKGSLSVWRTQLGPPILLTLMALAGSGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
Y 61 YPKREELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
b 61 YPKREELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
Y 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
b 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
Y 241 ILTTTLVLSVWLLMTCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVWLLMTCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
Y 301 SKTEDEHEAGPLPTKYNLAHSEI 323  
b 301 SKTEDEHEAGPLPTKYNLAHSEI 323

## RESULT 351

S-10-145-634-272

Sequence 272, Application US/10145634

Publication No. US20030170788A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: F330R1C285

CURRENT APPLICATION NUMBER: US/10/145,634

CURRENT FILING DATE: 2002-05-14

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-634-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSVWRTQLGPPILLTLMALAGSGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKGSLSVWRTQLGPPILLTLMALAGSGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKREELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKREELIYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQELMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLMTCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLMTCATVATAVEQYVPSEKLSIYGDLFPMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKYNLAHSEI 323

## RESULT 352

US-10-147-520-272

Sequence 272, Application US/10147520

Publication No. US20030170789A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: F330R1C339  
CURRENT APPLICATION NUMBER: US/10/147,520  
CURRENT FILING DATE: 2002-05-16  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-147-520-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```
QY 1 MAAPKGSWVRQTGLPPLPILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSWVRQTGLPPLPILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELVACQRCGLFSTCQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120
DB 61 YPKEEELVACQRCGLFSTCQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTTSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTTSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 353
US-10-157-781-272
; Sequence 272, Application US/10157781
; Publication No. US2003017090A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C430
; CURRENT FILING DATE: 2002-05-29
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-157-781-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRQTGLPPLPILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSWVRQTGLPPLPILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELVACQRCGLFSTCQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120
DB 61 YPKEEELVACQRCGLFSTCQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTTSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTTSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
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DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTTSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 354
US-10-176-989-272
; Sequence 272, Application US/10176989
; Publication No. US2003017090A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C384
; CURRENT FILING DATE: 2002-06-20
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-176-989-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRQTGLPPLPILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSWVRQTGLPPLPILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEEELVACQRCGLFSTCQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120
DB 61 YPKEEELVACQRCGLFSTCQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTTSSWTFYLAQDDGKIVIF 180
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSAQSFTTSSWTFYLAQDDGKIVIF 180
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
```

b 241 ILTTLVLSVMVLLWICCATVATAVBQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 355  
S-10-147-491-272  
Sequence 272, Application US/10147491  
Publication No. US20030175865A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCES: P3330R1G354  
CURRENT APPLICATION NUMBER: US/10/147,491  
CURRENT FILING DATE: 2002-05-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-147-491-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
b 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

y 61 YPKKEELIYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
b 61 YPKKEELIYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120

y 121 LPFAELRQEQQLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
b 121 LPFAELRQEQQLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180

y 181 QSKPEIQYAPHLRQEPNTLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLRQEPNTLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

y 241 ILTTLVLSVMVLLWICCATVATAVBQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
b 241 ILTTLVLSVMVLLWICCATVATAVBQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

y 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 356  
S-10-152-378-272

; Sequence 272, Application US/10152378  
; Publication No. US20030175866A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCES: P3330R1G411  
; CURRENT APPLICATION NUMBER: US/10/152,378  
; CURRENT FILING DATE: 2002-05-21  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-152-378-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKGSLSWVTRTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKKEELIYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
Db 61 YPKKEELIYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120

Qy 121 LPFAELRQEQQLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
Db 121 LPFAELRQEQQLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180

Qy 181 QSKPEIQYAPHLRQEPNTLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLRQEPNTLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

Qy 241 ILTTLVLSVMVLLWICCATVATAVBQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTLVLSVMVLLWICCATVATAVBQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 357  
US-10-152-382-272  
; Sequence 272, Application US/10152382  
; Publication No. US20030175867A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang

```
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C399
; CURRENT APPLICATION NUMBER: US/10/152,382
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-152-382-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60
DB 1 MAAPKGSLSWVRLQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60
QY 61 YKKEELIYACQGGCLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120
DB 61 YKKEELIYACQGGCLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSIITSSWTFYLDGDKIVIF 180
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSIITSSWTFYLDGDKIVIF 180
QY 181 QSKPEIQAPHLEQBPNTNLRSSLSKMSYLQNRNSQAHNFLEBGSDFLRCLSLSNGW 240
DB 181 QSKPEIQAPHLEQBPNTNLRSSLSKMSYLQNRNSQAHNFLEBGSDFLRCLSLSNGW 240
QY 241 ILTTTLVLSWVLLMCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSWVLLMCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHERAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHERAGPLPTKVNLAHSEI 323

RESULT 358
US-10-152-383-272
; Sequence 272, Application US/10152383
; Publication No. US20030175868A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C399
; CURRENT APPLICATION NUMBER: US/10/152,384
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
```

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; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C408
; CURRENT APPLICATION NUMBER: US/10/152,383
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-152-383-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60
DB 1 MAAPKGSLSWVRLQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCTYPLHT 60
QY 61 YKKEELIYACQGGCLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120
DB 61 YKKEELIYACQGGCLFSLICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSIITSSWTFYLDGDKIVIF 180
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSIITSSWTFYLDGDKIVIF 180
QY 181 QSKPEIQAPHLEQBPNTNLRSSLSKMSYLQNRNSQAHNFLEBGSDFLRCLSLSNGW 240
DB 181 QSKPEIQAPHLEQBPNTNLRSSLSKMSYLQNRNSQAHNFLEBGSDFLRCLSLSNGW 240
QY 241 ILTTTLVLSWVLLMCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSWVLLMCCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHERAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHERAGPLPTKVNLAHSEI 323

RESULT 359
US-10-152-384-272
; Sequence 272, Application US/10152384
; Publication No. US20030175869A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C395
; CURRENT APPLICATION NUMBER: US/10/152,384
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
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SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

IS-10-152-384-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
D 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
Y 61 YPKEEELIYACQRCRLPSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
D 61 YPKEEELIYACQRCRLPSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
Y 121 LPFAELROEQLMSLMPKHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
D 121 LPFAELROEQLMSLMPKHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIOYAPHLBOEPTNLRESSLSKMSYIQMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
D 181 QSKPEIOYAPHLBOEPTNLRESSLSKMSYIQMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Y 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGLDFPMNEQKLNRYPASSLWVR 300  
D 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGLDFPMNEQKLNRYPASSLWVR 300  
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
D 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 360

S-10-152-387-272

Sequence 272, Application US/10152387

Publication No. US20030175870A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin L.

APPLICANT: Godowski, Paul J.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P330R1C393

CURRENT APPLICATION NUMBER: US/10/152,387

CURRENT FILING DATE: 2002-05-21

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-152-387-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEEELIYACQRCRLPSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEEELIYACQRCRLPSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELROEQLMSLMPKHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELROEQLMSLMPKHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIOYAPHLBOEPTNLRESSLSKMSYIQMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIOYAPHLBOEPTNLRESSLSKMSYIQMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGLDFPMNEQKLNRYPASSLWVR 300  
DB 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSEKLSIYGLDFPMNEQKLNRYPASSLWVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 361

US-10-152-389-272

Sequence 272, Application US/10152389

Publication No. US20030175871A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P330R1C392

CURRENT APPLICATION NUMBER: US/10/152,389

CURRENT FILING DATE: 2002-05-21

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-152-389-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEEELIYACQRCRLPSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEEELIYACQRCRLPSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120



QY 121 LPFAELRQQLMSLMPKMLLEPLTLVRSFNSDMDSAGSFTSSWTFYLOADDGKIVP 180  
DB 121 LPFAELRQQLMSLMPKMLLEPLTLVRSFNSDMDSAGSFTSSWTFYLOADDGKIVP 180  
QY 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOQRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOQRNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 362

US-10-152-390-272  
; Sequence 272, Application US/10152390  
; Publication No. US20030175872A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C387  
; CURRENT APPLICATION NUMBER: US/10/152,390  
; CURRENT FILING DATE: 2002-05-21  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-152-390-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRTOGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
DB 1 MAAPKGSWVRTOGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKMLLEPLTLVRSFNSDMDSAGSFTSSWTFYLOADDGKIVP 180  
DB 121 LPFAELRQQLMSLMPKMLLEPLTLVRSFNSDMDSAGSFTSSWTFYLOADDGKIVP 180  
QY 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOQRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOQRNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 363

US-10-152-392-272  
; Sequence 272, Application US/10152392  
; Publication No. US20030175873A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C391  
; CURRENT APPLICATION NUMBER: US/10/152,392  
; CURRENT FILING DATE: 2002-05-21  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-152-392-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRTOGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
DB 1 MAAPKGSWVRTOGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQLTYPLHT 60  
QY 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKMLLEPLTLVRSFNSDMDSAGSFTSSWTFYLOADDGKIVP 180  
DB 121 LPFAELRQQLMSLMPKMLLEPLTLVRSFNSDMDSAGSFTSSWTFYLOADDGKIVP 180  
QY 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOQRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLOQRNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 364

IS-10-153-756-272

Sequence 272, Application US/10153756

Publication No. US20030175875A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary B.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C415

CURRENT APPLICATION NUMBER: US/10/153,756

CURRENT FILING DATE: 2002-05-22

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

IS-10-153-756-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLWRTQLGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60

b 1 MAAPKGLWRTQLGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60

Y 61 YPKEEELIYACQRCGLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCNQ 120

b 61 YPKEEELIYACQRCGLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCNQ 120

Y 121 LPFAELRQEQMLSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

b 121 LPFAELRQEQMLSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Y 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLQMNQSAHRNFDGSDGFLRCLSLNSGW 240

b 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLQMNQSAHRNFDGSDGFLRCLSLNSGW 240

Y 241 ILTTTLVSLVMVLLIWCATVAVBQYVPESEKLSIYGDLEFPAEQKLNRYPASSLIVVR 300

b 241 ILTTTLVSLVMVLLIWCATVAVBQYVPESEKLSIYGDLEFPAEQKLNRYPASSLIVVR 300

Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323

b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 365

IS-10-157-784-272

Sequence 272, Application US/10157784

Publication No. US20030175878A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary B.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C438

CURRENT APPLICATION NUMBER: US/10/157,784

CURRENT FILING DATE: 2002-05-29

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-157-784-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWRTQLGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60

Db 1 MAAPKGLWRTQLGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKEEELIYACQRCGLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCNQ 120

Db 61 YPKEEELIYACQRCGLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCNQ 120

QY 121 LPFAELRQEQMLSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQMLSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLQMNQSAHRNFDGSDGFLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLQEPTNLRESSLSKMSYLQMNQSAHRNFDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVSLVMVLLIWCATVAVBQYVPESEKLSIYGDLEFPAEQKLNRYPASSLIVVR 300

Db 241 ILTTTLVSLVMVLLIWCATVAVBQYVPESEKLSIYGDLEFPAEQKLNRYPASSLIVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 366

US-10-157-797-272

Sequence 272, Application US/10157797

Publication No. US20030175879A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary B.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C444  
CURRENT APPLICATION NUMBER: US/10/157,797  
Prior Filing Date: 2002-05-29  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-157-797-272

Query Match 100.0%; Score 1694; DS 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQLGHPPLILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKSLWRTQLGHPPLILLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKEELYACORCRFLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQVACHLGCQ 120  
DB 61 YPKEELYACORCRFLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQVACHLGCQ 120  
QY 121 LPFAELRQSLMPLKMHLLPLTLVRSFNSMDWSAQSFITSSWTFTYLOADDGKIYIP 180  
DB 121 LPFAELRQSLMPLKMHLLPLTLVRSFNSMDWSAQSFITSSWTFTYLOADDGKIYIP 180  
QY 181 QSKPEIQYAPHLQEPFTNLRSSLSKMSYLOQNSOAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQEPFTNLRSSLSKMSYLOQNSOAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMLLWTCATVATVAVQYVPSEKLSIYGDLEFNNQKLNRPASSLVVVR 300  
DB 241 ILTTTLVLSVMLLWTCATVATVAVQYVPSEKLSIYGDLEFNNQKLNRPASSLVVVR 300  
QY 301 SKTDEHEEAGPLTKVNLHSEI 323  
DB 301 SKTDEHEEAGPLTKVNLHSEI 323

RESULT 367  
US-10-158-491-272  
Sequence 272, Application US/10158491  
Publication No. US20030175880A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: DeNovo, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin E.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C441  
CURRENT APPLICATION NUMBER: US/10/158,491  
Prior Filing Date: 2002-05-29  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-157-797-272

PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069334  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081695  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082999  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086414  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/086430  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088730  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088741

PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090863  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKSLWVTRTQGLPPLLLLTMALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKSLWVTRTQGLPPLLLLTMALAGSGGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
Qy 61 YPKEEELIYACORCGLRFSICQFVDDGIDLNRTKLCEASCTEAYSQSDQYACHLGCNQ 120  
Db 61 YPKEEELIYACORCGLRFSICQFVDDGIDLNRTKLCEASCTEAYSQSDQYACHLGCNQ 120  
Qy 121 LPFAELRQBLMSLMPKMLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQBLMSLMPKMLLPFLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLQEPNTLRSSLSXMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNTLRSSLSXMSYLOMRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Qy 241 ILTTLVLVSWLLWICCATVATAVEQYVPSEKLSYIGDLFPWNEQKLNRYPASSLWVVR 300  
Db 241 ILTTLVLVSWLLWICCATVATAVEQYVPSEKLSYIGDLFPWNEQKLNRYPASSLWVVR 300  
Qy 301 SKTEDHEEAGPLTKVNLHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 368  
US-10-143-028A-330  
; Sequence 330, Application US/10143028A  
; Publication No. US20030180310A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC37  
CURRENT APPLICATION NUMBER: US/10/143,028A  
CURRENT FILING DATE: 2001-10-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPGSLWVTRQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPGSLWVTRQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKREELVACQRCGLFSCQVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKREELVACQRCGLFSCQVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLMKXHLPLTVSPFMSDMSAQSFITTSWTFLQADGKIVP 180  
DB 121 LPFAELRQQLMSLMKXHLPLTVSPFMSDMSAQSFITTSWTFLQADGKIVP 180  
QY 181 QSKPEIQYAPHLQEFTNLRESLSKMSYLMQNSQAHNFLEDSGDFLRCLSLSGW 240  
DB 181 QSKPEIQYAPHLQEFTNLRESLSKMSYLMQNSQAHNFLEDSGDFLRCLSLSGW 240  
QY 241 ILTTTLVLSVMVLLWTCCTATATATVQVYPSKLSIYGDLEFMKEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWTCCTATATVQVYPSKLSIYGDLEFMKEQKLNRYPASSLVVVR 300

US-10-143-028A-330

QY 301 SKTDEHERAGPLPTKVNLAHSEI 323  
DB 301 SKTDEHERAGPLPTKVNLAHSEI 323

RESULT 369  
US-10-143-029A-330  
Sequence 330, Application US/10143029A  
Publication No. US20030180311A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC54  
CURRENT APPLICATION NUMBER: US/10/143,029A  
CURRENT FILING DATE: 2001-10-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322

PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWRTQIGLPPILLITMALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60  
Dy 1 MAAPKGSWRTQIGLPPILLITMALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60  
Qy 61 YPKERELIYACQRCRLFSICQFVDDGIDINRKLCEESACTRAYSQSDRYACHLCQCHQ 120

Db 61 YPKBELYACQRCGLFSGICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIYIF 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIYIF 180  
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEERAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEERAGPLPTKVNLAHSEI 323  
RESULT 370  
US-10-142-762-272  
; Sequence 272, Application US/10142762  
; Publication No. US20030180864A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330RIC213  
; CURRENT APPLICATION NUMBER: US/10/142,762  
; CURRENT FILING DATE: 2002-05-09  
; Prior application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 223  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-142-762-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSWVRVTLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRCQTYPLHT 60  
Db 1 MAAPKGSWVRVTLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRCQTYPLHT 60  
QY 61 YPKBELYACQRCGLFSGICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
Db 61 YPKBELYACQRCGLFSGICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIYIF 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIYIF 180  
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEERAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEERAGPLPTKVNLAHSEI 323

QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEERAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEERAGPLPTKVNLAHSEI 323  
RESULT 371  
US-10-142-764-272  
; Sequence 272, Application US/10142764  
; Publication No. US20030180865A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330RIC250  
; CURRENT APPLICATION NUMBER: US/10/142,764  
; CURRENT FILING DATE: 2002-05-10  
; Prior application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-142-764-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSWVRVTLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRCQTYPLHT 60  
Db 1 MAAPKGSWVRVTLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRCQTYPLHT 60  
QY 61 YPKBELYACQRCGLFSGICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
Db 61 YPKBELYACQRCGLFSGICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIYIF 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIYIF 180  
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOMRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEERAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEERAGPLPTKVNLAHSEI 323

## RESULT 372

US-10-142-766-272

Sequence 272, Application US/10142766

Publication No. US20030180866A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Beresini, Maureen

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Goddard, Audrey

APPLICANT: Goddard, Audrey

APPLICANT: Gurney, Austin L.

APPLICANT: Gurney, Austin L.

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tamas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

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APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

APPLICANT: Zhang, Zemin

## RESULT 373

US-10-145-089A-330

Sequence 330, Application US/10145089A

Publication No. US20030180867A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKSLWVTRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60

1 MAAPKSLWVTRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60

61 YPKEEELIYACQRCRLPSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCQNO 120

61 YPKEEELIYACQRCRLPSICQFVDDGIDILNRKLCESACTEAYSQSDQYACHLGCQNO 120

121 LPFAELRQEQQLMSLMPKPHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180

121 LPFAELRQEQQLMSLMPKPHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180

181 QSKPEIQYAPHELEPTNLRESSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHELEPTNLRESSLSKMSYLOMRNSQAHNRNFDGSDGFLRCLSLNSGW 240

241 ILTTLVLSVWLLVICCATVAVRQYVSEKLSYGLDFNNEOKLNRYPASSLVVVR 300

241 ILTTLVLSVWLLVICCATVAVRQYVSEKLSYGLDFNNEOKLNRYPASSLVVVR 300

301 SKTEDHEEAGFLPTKKNLAHSEI 323

301 SKTEDHEEAGFLPTKKNLAHSEI 323

## RESULT 373

US-10-145-089A-330

Sequence 330, Application US/10145089A

Publication No. US20030180867A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David



QY 181 QSKPEIOYAPHLQEPTNLRESSLKMSYLMQNRNSQAHNFLEDSGDFLRCLSLNSGW 240  
DB 181 QSKPEIOYAPHLQEPTNLRESSLKMSYLMQNRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 374  
US-10-145-625-272  
; Sequence 272, Application US/10145625  
; Publication No. US20030180868A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C266  
; CURRENT APPLICATION NUMBER: US/10/145,625  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-625-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKSEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQNG 120  
DB 61 YPKSEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQNG 120  
QY 121 LPPAELRQELMSLMPKMHLLPFLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQELMSLMPKMHLLPFLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIOYAPHLQEPTNLRESSLKMSYLMQNRNSQAHNFLEDSGDFLRCLSLNSGW 240  
DB 181 QSKPEIOYAPHLQEPTNLRESSLKMSYLMQNRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 375  
US-10-145-627-272  
; Sequence 272, Application US/10145627  
; Publication No. US20030180869A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C303  
; CURRENT APPLICATION NUMBER: US/10/145,627  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-627-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWRTQGLPPLLLTLMALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKSEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQNG 120  
DB 61 YPKSEELYACQRCRLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQNG 120  
QY 121 LPPAELRQELMSLMPKMHLLPFLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQELMSLMPKMHLLPFLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIOYAPHLQEPTNLRESSLKMSYLMQNRNSQAHNFLEDSGDFLRCLSLNSGW 240  
DB 181 QSKPEIOYAPHLQEPTNLRESSLKMSYLMQNRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 376  
US-10-145-960-272  
; Sequence 272, Application US/10145960  
; Publication No. US20030180870A1  
; GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C267  
CURRENT APPLICATION NUMBER: US/10/145,960  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PET  
ORGANISM: Homo Sapien  
US-10-145-960-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVRLTGLPPLLLTALAGGSGTAGAFAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTGLPPLLLTALAGGSGTAGAFAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEELIYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKEELIYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPFAELROEQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELROEQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPIQIAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSNSGW 240  
DB 181 QSKPIQIAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSNSGW 240  
QY 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300  
DB 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 377  
US-10-145-962-272  
Sequence 272, Application US/10145962  
Publication No. US20030180871A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C268  
CURRENT APPLICATION NUMBER: US/10/145,962  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PET  
ORGANISM: Homo Sapien  
US-10-145-962-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVRLTGLPPLLLTALAGGSGTAGAFAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTGLPPLLLTALAGGSGTAGAFAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEELIYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKEELIYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPFAELROEQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELROEQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPIQIAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSNSGW 240  
DB 181 QSKPIQIAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDSGDFLRCLSNSGW 240  
QY 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300  
DB 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNEQKLNRYPASSLWVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 378  
US-10-146-789-272  
Sequence 272, Application US/10146789  
Publication No. US20030180872A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

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; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P330301C314
; CURRENT APPLICATION NUMBER: US/10/146,789
; CURRENT FILING DATE: 2002-05-15
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-146-789-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRITQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGLWVRITQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKBEELYACQRCGLFSCQFVDDGIDLNRTKLCEACTEAYSQSDEQYACHLGCQNO 120
DB 61 YPKBEELYACQRCGLFSCQFVDDGIDLNRTKLCEACTEAYSQSDEQYACHLGCQNO 120
QY 121 LPPAELEQRLQSLMPLKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180
DB 121 LPPAELEQRLQSLMPLKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWITCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWITCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 379
US-10-147-483-272
; Sequence 272, Application US/10147483
; Publication No. US20030180873A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330301C362
; CURRENT APPLICATION NUMBER: US/10/147,483
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-483-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRITQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGLWVRITQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKBEELYACQRCGLFSCQFVDDGIDLNRTKLCEACTEAYSQSDEQYACHLGCQNO 120
DB 61 YPKBEELYACQRCGLFSCQFVDDGIDLNRTKLCEACTEAYSQSDEQYACHLGCQNO 120
QY 121 LPPAELEQRLQSLMPLKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180
DB 121 LPPAELEQRLQSLMPLKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWITCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWITCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323
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; ORGANISM: Homo Sapien
US-10-147-483-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRITQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGLWVRITQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKBEELYACQRCGLFSCQFVDDGIDLNRTKLCEACTEAYSQSDEQYACHLGCQNO 120
DB 61 YPKBEELYACQRCGLFSCQFVDDGIDLNRTKLCEACTEAYSQSDEQYACHLGCQNO 120
QY 121 LPPAELEQRLQSLMPLKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180
DB 121 LPPAELEQRLQSLMPLKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180
QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240
DB 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLQWRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWITCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWITCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 380
US-10-147-496-272
; Sequence 272, Application US/10147496
; Publication No. US20030180874A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P330301C357
; CURRENT APPLICATION NUMBER: US/10/147,496
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-496-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRITQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGLWVRITQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
```

b 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
y 61 YPKEEELIACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDQYACHGCGNQ 120  
b 61 YPKEEELIACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDQYACHGCGNQ 120  
y 121 LPFAELRQEQLSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180  
b 121 LPFAELRQEQLSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180  
y 181 QSKPEIQAYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQAYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
y 241 ILTTTLVLSVWVLLATCCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVWVLLATCCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300  
y 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323  
RESULT 381  
US-10-147-505-272  
Sequence 272, Application US/10147505  
Publication No. US20030180875A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: F330R1C340  
CURRENT APPLICATION NUMBER: US/10/147,505  
CURRENT FILING DATE: 2002-05-17  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-147-505-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
y 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
b 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
y 61 YPKEEELIACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDQYACHGCGNQ 120  
b 61 YPKEEELIACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDQYACHGCGNQ 120  
y 121 LPFAELRQEQLSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180  
b 121 LPFAELRQEQLSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180  
y 181 QSKPEIQAYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQAYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
y 241 ILTTTLVLSVWVLLATCCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVWVLLATCCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300  
y 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323  
b 301 SKTEDHEEAGPLTKVNLHSEI 323

Qy 181 QSKPEIQAYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQAYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVWVLLATCCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWVLLATCCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLTKVNLHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLHSEI 323  
RESULT 382  
US-10-147-516-272  
Sequence 272, Application US/10147516  
Publication No. US20030180876A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: F330R1C358  
CURRENT APPLICATION NUMBER: US/10/147,516  
CURRENT FILING DATE: 2002-05-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-147-516-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
Qy 61 YPKEEELIACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDQYACHGCGNQ 120  
Db 61 YPKEEELIACQRCRLFSICQFVDDGIDLNRTKLECSACTRAYSQSDQYACHGCGNQ 120  
Qy 121 LPFAELRQEQLSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180  
Db 121 LPFAELRQEQLSLMPKMLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180  
Qy 181 QSKPEIQAYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQAYAPHLBOEPTNLRSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVWVLLATCCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWVLLATCCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 383  
US-10-152-398-272  
; Sequence 272, Application US/10152398  
; Publication No. US20030180878A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C403  
; CURRENT APPLICATION NUMBER: US/10/152,398  
; CURRENT FILING DATE: 2002-05-21  
; Prior Application removed - See file Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-152-398-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQGLPPLLLTALAGSGTASAPFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGLWVRTQGLPPLLLTALAGSGTASAPFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEELYACQRCRLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKEELYACQRCRLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120

QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180

QY 181 QSKPEIQYAPHLEQEPFNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPFNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 384  
US-10-139-980-272  
; Sequence 272, Application US/10139980  
; Publication No. US20030180923A1

; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C166  
; CURRENT APPLICATION NUMBER: US/10/139,980  
; CURRENT FILING DATE: 2002-05-06  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-139-980-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQGLPPLLLTALAGSGTASAPFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGLWVRTQGLPPLLLTALAGSGTASAPFDSVLGDTASCHRAQLTYPLHT 60

QY 61 YPKEELYACQRCRLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKEELYACQRCRLPFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQ 120

QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180

QY 181 QSKPEIQYAPHLEQEPFNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPFNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 385  
US-10-165-067A-330  
; Sequence 330, Application US/10165067A  
; Publication No. US20030185841A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PLC42  
CURRENT APPLICATION NUMBER: US/10/165,067A  
PRIOR FILING DATE: 2001-10-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-165-067A-330  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKSLWRTQIGLPELILTWALAGSGGTASARAFDSVLGDTASCHRAQOLTYPLHT 60  
1 MAAPKSLWRTQIGLPELILTWALAGSGGTASARAFDSVLGDTASCHRAQOLTYPLHT 60  
61 YPKEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
61 YPKEELYACQRCGLPFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
121 LPFAELROELMSLMPKHLLPFLTVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180  
121 LPFAELROELMSLMPKHLLPFLTVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIP 180  
181 QSKPEIQYAPHLQEPNTNRESSLSKMSYLVQMSQAHNFLDESDGFLRCLSLNSGW 240  
181 QSKPEIQYAPHLQEPNTNRESSLSKMSYLVQMSQAHNFLDESDGFLRCLSLNSGW 240  
241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFWMQKLNRYPASSLVVR 300

Db 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFWMQKLNRYPASSLVVR 300  
Qy 301 SKTEDEHBEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHBEAGPLPTKVNLAHSEI 323  
RESULT 386  
US-10-145-017A-330  
Sequence 330, Application US/10145017A  
Publication No. US20030186365A1  
GENERAL INFORMATION:  
APPLICANT: Abkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PLC32  
CURRENT APPLICATION NUMBER: US/10/145,017A  
CURRENT FILING DATE: 2001-10-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-145-017A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCNQ 120  
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCNQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPFNLRSSLSKMSYLQWNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPFNLRSSLSKMSYLQWNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTVLVSMVLLWTCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVR 300  
DB 241 ILTTVLVSMVLLWTCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 387

US-10-145-750-272  
; Sequence 272, Application US/10145750  
; Publication No. US20030186366A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C275  
; CURRENT APPLICATION NUMBER: US/10/145,750  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See file Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-750-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCNQ 120

DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCNQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPFNLRSSLSKMSYLQWNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPFNLRSSLSKMSYLQWNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTVLVSMVLLWTCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVR 300  
DB 241 ILTTVLVSMVLLWTCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 388

US-10-152-373-272  
; Sequence 272, Application US/10152373  
; Publication No. US20030186367A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C377  
; CURRENT APPLICATION NUMBER: US/10/152,373  
; CURRENT FILING DATE: 2002-05-20  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-152-373-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWVRVQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCNQ 120  
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCNQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFLQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPFNLRSSLSKMSYLQWNSQAHRNFLEDGSDGFLRCLSLNSGW 240

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b 181 QSKPEIQYAPHLRQEPNTLRESSLSKMSYLOMNSQAHRNFLSDGESDGLFCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVQYVSEKLSIYGDLFPMNEQKLNRYPASSLIVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVQYVSEKLSIYGDLFPMNEQKLNRYPASSLIVVR 300
Y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 389
US-10-164-728A-330
Sequence 330, Application US/10164728A
Publication No. US20030186368A1
GENERAL INFORMATION:
APPLICANT: Ashkenazi, Avi
APPLICANT: Baker Kevin P.
APPLICANT: Botstein, David
APPLICANT: Denoyers, Luc
APPLICANT: Eaton, Dan
APPLICANT: Ferrara, Napoleon
APPLICANT: Filvaroff, Ellen
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Hillan, Kenneth J.
APPLICANT: Kijavlin, Ivar J.
APPLICANT: Kuo, Sophia S.
APPLICANT: Napier, Mary A.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
APPLICANT: Roy, Margaret Ann
APPLICANT: Shelton, David L.
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Williams, P. Mickey
APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
TITLE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630P1C43
CURRENT APPLICATION NUMBER: US/10/164,728A
CURRENT FILING DATE: 2001-10-19
PRIOR APPLICATION NUMBER: 03/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/062250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/064249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10
PRIOR APPLICATION NUMBER: 60/077632
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077641
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077649
PRIOR FILING DATE: 1998-03-11
PRIOR APPLICATION NUMBER: 60/077791
PRIOR FILING DATE: 1998-03-12
Remaining Prior Application data removed - See File Wrapper or PALM.
SEQ ID NO 330
LENGTH: 323
TYPE: PRT
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; ORGANISM: Homo sapiens
US-10-164-728A-330
Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKKEELIYACQRCGLPFSICQFVDDGIDLNRITKLBESACTEAYSQSDQYACHLCQNO 120
DB 61 YPKKEELIYACQRCGLPFSICQFVDDGIDLNRITKLBESACTEAYSQSDQYACHLCQNO 120
QY 121 LPFAELRQEQILMSLMPKQHLPLPILVRSFMSMDMSAQSFITSSWTFYLOADDGKIVIF 180
DB 121 LPFAELRQEQILMSLMPKQHLPLPILVRSFMSMDMSAQSFITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQYAPHLRQEPNTLRESSLSKMSYLOMNSQAHRNFLSDGESDGLFCLSLNSGW 240
DB 181 QSKPEIQYAPHLRQEPNTLRESSLSKMSYLOMNSQAHRNFLSDGESDGLFCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVQYVSEKLSIYGDLFPMNEQKLNRYPASSLIVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVQYVSEKLSIYGDLFPMNEQKLNRYPASSLIVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 390
US-10-223-081-8
Sequence 8, Application US/10223081
Publication No. US20030186866A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Ferrata, Napoleone
APPLICANT: Gerber, Hanspeter
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Marsters, Scot A.
APPLICANT: Pan, James
APPLICANT: Stephan, Jean-Philippe P.
APPLICANT: Watanabe, Colin K.
APPLICANT: Wood, William I.
APPLICANT: Williams, P. Mickey
APPLICANT: Ye, Weilan
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
FILE REFERENCE: P3235P1C7
CURRENT APPLICATION NUMBER: US/10/223,081
CURRENT FILING DATE: 2002-08-16
PRIOR APPLICATION NUMBER: US 10/081,056
PRIOR FILING DATE: 2002-02-20
PRIOR APPLICATION NUMBER: US 60/213,637
PRIOR FILING DATE: 2000-06-23
PRIOR APPLICATION NUMBER: US 60/219,556
PRIOR FILING DATE: 2000-07-20
PRIOR APPLICATION NUMBER: US 60/220,624
PRIOR FILING DATE: 2000-07-25
PRIOR APPLICATION NUMBER: US 60/220,664
PRIOR FILING DATE: 2000-07-25
PRIOR APPLICATION NUMBER: PCT/US00/20710
PRIOR FILING DATE: 2000-07-28
PRIOR APPLICATION NUMBER: US 60/222,695
PRIOR FILING DATE: 2000-08-02
PRIOR APPLICATION NUMBER: US 03/643,657
PRIOR FILING DATE: 2000-08-17
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; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 8
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-081-8

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGSLLWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLCESACTEAYSQSDQVACHLGCQ 120
DB 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLCESACTEAYSQSDQVACHLGCQ 120

QY 121 LPFAELRQQLMSLMPKXHLPLTLVRSFSDMMDSAQSFTTSSWTFYLAQDDGKI 180
DB 121 LPFAELRQQLMSLMPKXHLPLTLVRSFSDMMDSAQSFTTSSWTFYLAQDDGKI 180

QY 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOQRNSQAHRNFLEDGESDGFRLCLSL 240
DB 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOQRNSQAHRNFLEDGESDGFRLCLSL 240

QY 241 ILTTTLVLSWVLLMTCCATVATVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLV 300
DB 241 ILTTTLVLSWVLLMTCCATVATVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLV 300

QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 391
US-10-013-926A-330
; Sequence 330, Application US/10013926A
; Publication No. US20030187241A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC80
; CURRENT APPLICATION NUMBER: US/10/013.926A
; CURRENT FILING DATE: 2002-09-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-926A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLLWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60
DB 1 MAAPKGSLLWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLCESACTEAYSQSDQVACHLGCQ 120
DB 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRTKLCESACTEAYSQSDQVACHLGCQ 120

QY 121 LPFAELRQQLMSLMPKXHLPLTLVRSFSDMMDSAQSFTTSSWTFYLAQDDGKI 180
DB 121 LPFAELRQQLMSLMPKXHLPLTLVRSFSDMMDSAQSFTTSSWTFYLAQDDGKI 180

QY 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOQRNSQAHRNFLEDGESDGFRLCLSL 240
DB 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOQRNSQAHRNFLEDGESDGFRLCLSL 240

QY 241 ILTTTLVLSWVLLMTCCATVATVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLV 300
DB 241 ILTTTLVLSWVLLMTCCATVATVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLV 300

QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 392
US-10-165-247A-330
; Sequence 330, Application US/10165247A
; Publication No. US20030190321A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Baton, Dan
; APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C41  
CURRENT APPLICATION NUMBER: US/10/165,247A  
CURRENT FILING DATE: 2001-10-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
IS-10-165-247A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1 MAAPKGLWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60  
1 MAAPKGLWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPLHT 60  
61 YPKSEELVACORGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDBOYACHLGCQMQ 120  
61 YPKSEELVACORGLPSICQFVDDGIDLNRTKLECSACTEAYSQSDBOYACHLGCQMQ 120  
121 LPFAELROEQLMSLMPKQELLFPPLTVRSFWSMDMSAQSPITSSWTFYLDGDKIVIP 180  
121 LPFAELROEQLMSLMPKQELLFPPLTVRSFWSMDMSAQSPITSSWTFYLDGDKIVIP 180  
181 QSKPEIQAPHLEPPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIQAPHLEPPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

Qy 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSKLSIYGLDFEMNQKLNRYPASSLVVR 300  
Db 241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSKLSIYGLDFEMNQKLNRYPASSLVVR 300  
Qy 301 SKTDEHREAGPLPTKYNLAHSEI 323  
Db 301 SKTDEHREAGPLPTKYNLAHSEI 323

RESULT 393  
US-10-145-124A-330  
; Sequence 330, Application US/10145124A  
; Publication No. US20030190701A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Denoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas P.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C44  
; CURRENT APPLICATION NUMBER: US/10/145,124A  
; CURRENT FILING DATE: 2002-08-30  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SEQ ID NO 330  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo sapiens

US-10-145-124A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRVQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSWVRVQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGCQ 120  
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGCQ 120

QY 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLYLOADGKIVIF 180  
DB 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLYLOADGKIVIF 180

QY 181 QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOQRNSQAHRNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOQRNSQAHRNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTLVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTLVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 394

US-10-160-502A-330  
Sequence 330, Application US/10160502A  
Publication No. US20030190703A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillen, Kenneth J.  
APPLICANT: Kijavini, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C57  
CURRENT APPLICATION NUMBER: US/10/160,502A  
CURRENT FILING DATE: 2001-10-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-160-502A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRVQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSWVRVQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGCQ 120  
DB 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRTKLCESACTEAYSQSDEQYACHLGCQ 120

QY 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLYLOADGKIVIF 180  
DB 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLYLOADGKIVIF 180

QY 181 QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOQRNSQAHRNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQAPHLEQEPNTNLRSSLSKMSYLOQRNSQAHRNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTLVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTLVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 395

US-10-121-044-272  
Sequence 272, Application US/10121044  
Publication No. US20030190717A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William

APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C5  
CURRENT APPLICATION NUMBER: US/10/121,044  
CURRENT FILING DATE: 2002-04-11  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-121-044-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSVWRTQLGPPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
D 1 MAAPKGSLSVWRTQLGPPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Y 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNO 120  
D 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNO 120  
Y 121 LPPAEIRQSLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
D 121 LPPAEIRQSLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240  
D 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240  
Y 241 ILTTTLVLSVMVLLNCCATVATAVEQYVPSKLSYGDLEFPMNEOKLNRYPASSLVVVR 300  
D 241 ILTTTLVLSVMVLLNCCATVATAVEQYVPSKLSYGDLEFPMNEOKLNRYPASSLVVVR 300  
Y 301 SKTEDEHEAGPLPTKYNLAHSEI 323  
D 301 SKTEDEHEAGPLPTKYNLAHSEI 323

RESULT 396  
S-10-121-055-272  
Sequence 272, Application US/10121055  
Publication No. US20030190718A1  
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C18

CURRENT APPLICATION NUMBER: US/10/121,055  
CURRENT FILING DATE: 2002-04-12  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272

LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-121-055-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSVWRTQLGPPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSVWRTQLGPPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNO 120  
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPPAEIRQSLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAEIRQSLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOMRNSQAHNFLEDGESDGLFCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLNCCATVATAVEQYVPSKLSYGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLNCCATVATAVEQYVPSKLSYGDLEFPMNEOKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKYNLAHSEI 323

RESULT 397  
US-10-121-057-272  
Sequence 272, Application US/10121057  
Publication No. US20030190719A1  
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C13

CURRENT APPLICATION NUMBER: US/10/121,057  
CURRENT FILING DATE: 2002-04-12  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-121-057-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEELIACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQ 120  
DB 61 YPKEELIACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKPHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKPHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323  
RESULT 399  
US-10-121-058-272  
; Sequence 272, Application US/10121058  
; Publication No. US20030190720A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C12  
; CURRENT APPLICATION NUMBER: US/10/121,058  
; CURRENT FILING DATE: 2002-04-12  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-121-058-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEELIACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQ 120  
DB 61 YPKEELIACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKPHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKPHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

DB 121 LPFAELRQQLMSLMPKPHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323  
RESULT 399  
US-10-121-059-272  
; Sequence 272, Application US/10121059  
; Publication No. US20030190721A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C10  
; CURRENT APPLICATION NUMBER: US/10/121,059  
; CURRENT FILING DATE: 2002-04-11  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-121-059-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSWVRVTLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEELIACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQ 120  
DB 61 YPKEELIACQRCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKPHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKPHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMTCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300

1b 241 ILTTTLVLSVWLLWICCAVATAVEQVPSSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300  
241 SKTEDHEEAGPLPTKVNLAHSEI 323  
1b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 400

JS-10-121-060-272  
Sequence 272, Application US/10121060  
Publication No. US20030190722A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Gurney, Austin L.  
APPLICANT: Godowski, Paul J.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C21  
CURRENT APPLICATION NUMBER: US/10/121,060  
CURRENT FILING DATE: 2002-04-12  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
JS-10-121-060-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1b 1 MAAPKGSILWRTQLGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
1 MAAPKGSILWRTQLGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
61 YPKKEELIYACQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCCNQ 120  
61 YPKKEELIYACQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCCNQ 120  
121 LPFAELRQEQQLMSLMPKPHLLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQEQQLMSLMPKPHLLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIOYAPHELEPTNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIOYAPHELEPTNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVWLLWICCAVATAVEQVPSSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300  
241 ILTTTLVLSVWLLWICCAVATAVEQVPSSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300  
1b 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 401

JS-10-123-109-272

Sequence 272, Application US/10123109  
Publication No. US20030190723A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C34  
CURRENT APPLICATION NUMBER: US/10/123,109  
CURRENT FILING DATE: 2002-04-15  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-123-109-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
1b 1 MAAPKGSILWRTQLGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
1 MAAPKGSILWRTQLGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
61 YPKKEELIYACQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCCNQ 120  
61 YPKKEELIYACQRCGLRFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCCNQ 120  
121 LPFAELRQEQQLMSLMPKPHLLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQEQQLMSLMPKPHLLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
181 QSKPEIOYAPHELEPTNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIOYAPHELEPTNLRSSLSKMSYLOMNSQAHNRFLEDGSDGFLRCLSLNSGW 240  
241 ILTTTLVLSVWLLWICCAVATAVEQVPSSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300  
241 ILTTTLVLSVWLLWICCAVATAVEQVPSSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300  
1b 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 402

US-10-123-154-272  
Sequence 272, Application US/10123154  
Publication No. US20030190724A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C39  
CURRENT APPLICATION NUMBER: US/10/123,154  
CURRENT FILING DATE: 2002-04-15  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-123-154-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKSLWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEELYACQRCGLFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQNO 120  
Db 61 YPKEELYACQRCGLFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPFAELROQLMSLMPKMLLPPLTLVRSFWSMDMSAQSPFITSSWTFLQADDCQIVIF 180  
Db 121 LPFAELROQLMSLMPKMLLPPLTLVRSFWSMDMSAQSPFITSSWTFLQADDCQIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOQRNSQAHNFLEDGSDGFLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOQRNSQAHNFLEDGSDGFLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLFPWNEQKLNRYPASSLIVVR 300  
Db 241 ILTTTLVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLFPWNEQKLNRYPASSLIVVR 300  
QY 301 SKTEDHEEAGPLTKVNLHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 403  
US-10-123-157-272  
Sequence 272, Application US/10123157  
Publication No. US20030190725A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C39  
CURRENT APPLICATION NUMBER: US/10/123,157  
CURRENT FILING DATE: 2002-04-15  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272

APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C29  
CURRENT APPLICATION NUMBER: US/10/123,157  
CURRENT FILING DATE: 2002-04-15  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-123-157-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKSLWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YPKEELYACQRCGLFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQNO 120  
Db 61 YPKEELYACQRCGLFSICQFVDDGIDINRTKLECSACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPFAELROQLMSLMPKMLLPPLTLVRSFWSMDMSAQSPFITSSWTFLQADDCQIVIF 180  
Db 121 LPFAELROQLMSLMPKMLLPPLTLVRSFWSMDMSAQSPFITSSWTFLQADDCQIVIF 180  
QY 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOQRNSQAHNFLEDGSDGFLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTNLRSSLSKMSYLOQRNSQAHNFLEDGSDGFLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLFPWNEQKLNRYPASSLIVVR 300  
Db 241 ILTTTLVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLFPWNEQKLNRYPASSLIVVR 300  
QY 301 SKTEDHEEAGPLTKVNLHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLHSEI 323

RESULT 404  
US-10-123-906-272  
Sequence 272, Application US/10123906  
Publication No. US20030190726A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C53  
CURRENT APPLICATION NUMBER: US/10/123,906  
CURRENT FILING DATE: 2002-04-16  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272

LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-123-906-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Y 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
b 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
Y 121 LPPAELRQEQMLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIV 180  
b 121 LPPAELRQEQMLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIV 180  
Y 181 QSKPEIQYAPHELEPTNLRESLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHELEPTNLRESLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Y 241 ILTTTLVLSVNLWLMICATVATAVEQYVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVNLWLMICATVATAVEQYVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
Y 301 SKTEDHEAGPLPTKVNLAHSEI 323  
b 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 405  
US-10-124-814-272  
Sequence 272, Application US/10124814  
Publication No. US20030190727A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C63  
CURRENT APPLICATION NUMBER: US/10/124,814  
CURRENT FILING DATE: 2002-04-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-124-814-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPPAELRQEQMLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIV 180  
DB 121 LPPAELRQEQMLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIV 180  
QY 181 QSKPEIQYAPHELEPTNLRESLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHELEPTNLRESLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVNLWLMICATVATAVEQYVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVNLWLMICATVATAVEQYVPSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
QY 301 SKTEDHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEAGPLPTKVNLAHSEI 323

RESULT 406  
US-10-124-816-272  
Sequence 272, Application US/10124816  
Publication No. US20030190728A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C66  
CURRENT APPLICATION NUMBER: US/10/124,816  
CURRENT FILING DATE: 2002-04-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-124-816-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBEELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPPAELRQEQMLMPKPHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGIKIV 180



Db 121 LPPAELRQQLASLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVP 180  
Qy 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 407  
US-10-124-820-272  
; Sequence 272, Application US/10124820  
; Publication No. US20030190729A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C69  
; CURRENT APPLICATION NUMBER: US/10/124,820  
; CURRENT FILING DATE: 2002-04-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-124-820-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGLWVRITQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGLWVRITQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Qy 61 YPKREELYACQRCRLFSICQFVDDGIDLNRLTKLSECSACTEAYSQSDQYACHLGCQNG 120  
Db 61 YPKREELYACQRCRLFSICQFVDDGIDLNRLTKLSECSACTEAYSQSDQYACHLGCQNG 120  
Qy 121 LPPAELRQQLASLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVP 180  
Db 121 LPPAELRQQLASLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVP 180  
Qy 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 409  
US-10-125-927-272

Db 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 408  
US-10-125-704-272  
; Sequence 272, Application US/10125704  
; Publication No. US20030190730A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C58  
; CURRENT APPLICATION NUMBER: US/10/125,704  
; CURRENT FILING DATE: 2002-04-17  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-125-704-272  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGLWVRITQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGLWVRITQLGLPPLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Qy 61 YPKREELYACQRCRLFSICQFVDDGIDLNRLTKLSECSACTEAYSQSDQYACHLGCQNG 120  
Db 61 YPKREELYACQRCRLFSICQFVDDGIDLNRLTKLSECSACTEAYSQSDQYACHLGCQNG 120  
Qy 121 LPPAELRQQLASLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVP 180  
Db 121 LPPAELRQQLASLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIVP 180  
Qy 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
RESULT 409  
US-10-125-927-272

Sequence 272, Application US/10125927  
Publication No. US20030190731A1  
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME

FILE REFERENCE: F330R1C74

CURRENT APPLICATION NUMBER: US/10/125,927

Prior Filing Date: 2002-04-19

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-125-927-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y	1	MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
b	1	MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
y	61	YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESECTEAYSQSDQYACHLGCQNO	120
b	61	YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESECTEAYSQSDQYACHLGCQNO	120
y	121	LPPAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF	180
b	121	LPPAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF	180
y	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW	240
b	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW	240
y	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYIGDLEFNMNQKLNRYPASSLVVVR	300
b	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYIGDLEFNMNQKLNRYPASSLVVVR	300
y	301	SKTEDEHAGPLPTKYNLAHSEI	323
b	301	SKTEDEHAGPLPTKYNLAHSEI	323

ESULT 410

S-10-223-082-8

Sequence 8, Application US/10223082

Publication No. US2003019059A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Ferrara, Napoleone  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Marsters, Scott A.  
APPLICANT: Pan, James  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin K.  
APPLICANT: Wood, William I.  
APPLICANT: Williams, P. Mickey  
APPLICANT: Ye, Weilan  
TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS

FILE REFERENCE: P323P1C3

CURRENT APPLICATION NUMBER: US/10/223,082

Prior Filing Date: 2002-08-16

Prior Application Number: US 10/081,056

Prior Filing Date: 2002-02-20

Prior Application Number: US 60/213,637

Prior Filing Date: 2000-06-23

Prior Application Number: US 60/219,556

Prior Filing Date: 2000-07-20

Prior Application Number: US 60/220,624

Prior Filing Date: 2000-07-25

Prior Application Number: US 60/220,664

Prior Filing Date: 2000-07-25

Prior Application Number: PCT/US00/20710

Prior Filing Date: 2000-07-28

Prior Application Number: US 60/222,695

Prior Filing Date: 2000-08-02

Prior Application Number: US 09/643,857

Prior Filing Date: 2000-08-17

Prior Application Number: PCT/US00/23522

Prior Filing Date: 2000-08-23

Prior Application Number: PCT/US00/23328

Prior Filing Date: 2000-08-24

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 383

SEQ ID NO 8

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

US-10-223-082-8

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy	1	MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
Db	1	MAAPKGLWVRLTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT	60
Qy	61	YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESECTEAYSQSDQYACHLGCQNO	120
Db	61	YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESECTEAYSQSDQYACHLGCQNO	120
Qy	121	LPPAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF	180
Db	121	LPPAELRQQLSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADDGKIVIF	180
Qy	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW	240
Db	181	QSKPEIQYAPHLEQPTNLRSSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW	240
Qy	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYIGDLEFNMNQKLNRYPASSLVVVR	300
Db	241	ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSYIGDLEFNMNQKLNRYPASSLVVVR	300
Qy	301	SKTEDEHAGPLPTKYNLAHSEI	323
Db	301	SKTEDEHAGPLPTKYNLAHSEI	323

RESULT 411

US-10-145-087A-330

Sequence 330, Application US/10145087A  
Publication No. US20030194410A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC47  
CURRENT APPLICATION NUMBER: US/10/145,087A  
CURRENT FILING DATE: 2001-10-18  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-145-087A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
DB 1 MAAPKSLWRTQGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120

DB 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
QY 121 LPPAELROQLMSLAPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180  
DB 121 LPPAELROQLMSLAPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180  
QY 181 QSKPEIQYAPHLEQEPPTNLRSSLSKMSYLOVRNSQAHRNFLEDGESDGLFCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQEPPTNLRSSLSKMSYLOVRNSQAHRNFLEDGESDGLFCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSSEKLSIYGDLEBPMNQKLNRYPASSLWVR 300  
DB 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSSEKLSIYGDLEBPMNQKLNRYPASSLWVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 412

US-10-017-086A-330  
Sequence 330, Application US/10017086A  
Publication No. US20030194744A1  
GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Kenneth J.  
APPLICANT: Hillan, Ivar J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC64  
CURRENT APPLICATION NUMBER: US/10/017,086A  
CURRENT FILING DATE: 2002-04-30  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-017-086A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKSLWRTQGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
DB 1 MAAPKSLWRTQGLPPLLTLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
QY 61 YPKKEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNQ 120

b 61 YPKPELYACQRCRLFSICQFVDDGIDLNRTKLCEASCTEAYSQSDEQYACHLGCQ 120  
y 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180  
b 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180  
y 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240  
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 413  
S-10-142-889-272  
Sequence 272, Application US/10142889  
Publication No. US20030194765A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC234  
CURRENT APPLICATION NUMBER: US/10/142,889  
CURRENT FILING DATE: 2002-05-09  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-142-889-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSLLWRTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
b 1 MAAPKGSLLWRTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
y 61 YPKPELYACQRCRLFSICQFVDDGIDLNRTKLCEASCTEAYSQSDEQYACHLGCQ 120  
b 61 YPKPELYACQRCRLFSICQFVDDGIDLNRTKLCEASCTEAYSQSDEQYACHLGCQ 120  
y 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180  
b 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180  
y 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240  
y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 414  
US-10-145-874-272  
Sequence 272, Application US/10145874  
Publication No. US20030194766A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC282  
CURRENT APPLICATION NUMBER: US/10/145,874  
CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-145-874-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLLWRTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSLLWRTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Qy 61 YPKPELYACQRCRLFSICQFVDDGIDLNRTKLCEASCTEAYSQSDEQYACHLGCQ 120  
Db 61 YPKPELYACQRCRLFSICQFVDDGIDLNRTKLCEASCTEAYSQSDEQYACHLGCQ 120  
Qy 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180  
Qy 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGESDGLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 415  
US-10-147-497-272  
; Sequence 272, Application US/10147497  
; Publication No. US20030194767A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tamas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C338  
; CURRENT APPLICATION NUMBER: US/10/147,497  
; CURRENT FILING DATE: 2002-05-16  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-147-497-272  
  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGSILWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSILWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
  
QY 61 YKPEELVACQRCGLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCNQ 120  
DB 61 YKPEELVACQRCGLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCNQ 120  
  
QY 121 LPFAELRQQLMSLMPKXHLFPFLTLVRSFMSDMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKXHLFPFLTLVRSFMSDMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
  
QY 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOWRNSQAHNRFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOWRNSQAHNRFLEDGESDGFRLCLSLNSGW 240  
  
QY 241 ILTTTLVLSVMVLLWICCATATATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATATATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
  
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C406  
CURRENT APPLICATION NUMBER: US/10/152,371  
CURRENT FILING DATE: 2002-05-21  
Prior Application removed - See file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-152-371-272  
  
Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGSILWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSILWVRVQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
  
QY 61 YKPEELVACQRCGLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCNQ 120  
DB 61 YKPEELVACQRCGLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCNQ 120  
  
QY 121 LPFAELRQQLMSLMPKXHLFPFLTLVRSFMSDMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKXHLFPFLTLVRSFMSDMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
  
QY 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOWRNSQAHNRFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOWRNSQAHNRFLEDGESDGFRLCLSLNSGW 240  
  
QY 241 ILTTTLVLSVMVLLWICCATATATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATATATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
  
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 417  
US-10-152-374-272

; Sequence 272, Application US/10152374  
; Publication No. US20030194769A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven

RESULT 416

US-10-152-371-272  
; Sequence 272, Application US/10152371  
; Publication No. US20030194768A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen

APPLICANT: Smith,Victoria  
APPLICANT: Stewart,Timothy A.  
APPLICANT: Tamas,Daniel  
APPLICANT: Watanabe,Colin K  
APPLICANT: Wood,William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P330R1C386  
CURRENT APPLICATION NUMBER: US/10/152,374  
CURRENT FILING DATE: 2002-05-21  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-152-374-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPHHT 60  
1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPHHT 60  
61 YPKEEELIYACQRCRLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
61 YPKEEELIYACQRCRLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
121 LPFAELRQELMSLMPKQHLLPFLTLVRSFWSMDMSAQSFTTSSWTFYLOADDGGKIVIF 180  
121 LPFAELRQELMSLMPKQHLLPFLTLVRSFWSMDMSAQSFTTSSWTFYLOADDGGKIVIF 180  
181 QSKPEIQYAPHELOEPTNLRESLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240  
181 QSKPEIQYAPHELOEPTNLRESLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240  
241 ILTTTLVLSVWLLMICCATVATAVEQYVPSEKLSYIGDLEFNMNEOKLNRYPASSLWVVR 300  
241 ILTTTLVLSVWLLMICCATVATAVEQYVPSEKLSYIGDLEFNMNEOKLNRYPASSLWVVR 300  
301 SKTEDEHREAGPLPTKVNLAHSEI 323  
301 SKTEDEHREAGPLPTKVNLAHSEI 323

RESULT 418  
US-10-152-375-272  
Sequence 272, Application US/10152375  
Publication No. US20030194770A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary B.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P330R1C388  
CURRENT APPLICATION NUMBER: US/10/152,377  
CURRENT FILING DATE: 2002-05-21  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-152-377-272

APPLICANT: Smith,Victoria  
APPLICANT: Stewart,Timothy A.  
APPLICANT: Tamas,Daniel  
APPLICANT: Watanabe,Colin K  
APPLICANT: Wood,William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P330R1C386  
CURRENT APPLICATION NUMBER: US/10/152,374  
CURRENT FILING DATE: 2002-05-21  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-152-375-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPHHT 60  
1 MAAPKGSLSWRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQLTYPHHT 60  
61 YPKEEELIYACQRCRLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
61 YPKEEELIYACQRCRLFSICQFVDDGIDILNRTKLECSACTEAYSQSDQYACHLGCQNQ 120  
121 LPFAELRQELMSLMPKQHLLPFLTLVRSFWSMDMSAQSFTTSSWTFYLOADDGGKIVIF 180  
121 LPFAELRQELMSLMPKQHLLPFLTLVRSFWSMDMSAQSFTTSSWTFYLOADDGGKIVIF 180  
181 QSKPEIQYAPHELOEPTNLRESLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240  
181 QSKPEIQYAPHELOEPTNLRESLSKMSYLOMNSQAHNFLEDSGDFLRLCLSLNSGW 240  
241 ILTTTLVLSVWLLMICCATVATAVEQYVPSEKLSYIGDLEFNMNEOKLNRYPASSLWVVR 300  
241 ILTTTLVLSVWLLMICCATVATAVEQYVPSEKLSYIGDLEFNMNEOKLNRYPASSLWVVR 300  
301 SKTEDEHREAGPLPTKVNLAHSEI 323  
301 SKTEDEHREAGPLPTKVNLAHSEI 323

RESULT 419  
US-10-152-377-272  
Sequence 272, Application US/10152377  
Publication No. US20030194771A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary B.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P330R1C388  
CURRENT APPLICATION NUMBER: US/10/152,377  
CURRENT FILING DATE: 2002-05-21  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-152-377-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTOGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWVRTOGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCQ 120  
DB 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCQ 120

QY 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
DB 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQBPFTNLRESSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPFTNLRESSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDEERAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEERAGPLPTKYNLAHSEI 323

RESULT 420  
US-10-152-386-272  
; Sequence 272, Application US/10152386  
; Publication No. US20030194772A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C400  
; CURRENT APPLICATION NUMBER: US/10/152,386  
; CURRENT FILING DATE: 2002-05-21  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-152-386-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTOGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWVRTOGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCQ 120  
DB 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCQ 120

QY 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
DB 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQBPFTNLRESSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPFTNLRESSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDEERAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEERAGPLPTKYNLAHSEI 323

RESULT 421  
US-10-152-391-272  
; Sequence 272, Application US/10152391  
; Publication No. US20030194773A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C389  
; CURRENT APPLICATION NUMBER: US/10/152,391  
; CURRENT FILING DATE: 2002-05-21  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-152-391-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTOGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWVRTOGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCQ 120  
DB 61 YPKBELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQVACHLGCQ 120

QY 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
DB 121 LPPAELRQQLMSLMPKMHLLPPLTLVRSFMSDMDMSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQYAPHLEQBPFTNLRESSLSKMSYLOWRNSQAHNFLEDGESDGLRCLSLNSGW 240

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181 QSKPEIQYAPHLQEPNTNRESLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300
301 SKTEDHEEAGPLPTKYNLAHSEI 323
301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 422
US-10-152-399-272
Sequence 272, Application US/10152399
Publication No. US20030194774A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: DeNovo, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C410
CURRENT APPLICATION NUMBER: US/10/152,399
CURRENT FILING DATE: 2002-05-21
Prior Application removed - See file Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-152-399-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLWVRTQGLPPLLLTLALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
b 1 MAAPKGLWVRTQGLPPLLLTLALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Y 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDROYACHLGCQNO 120
b 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDROYACHLGCQNO 120
Y 121 LPPAELRQEQOLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180
b 121 LPPAELRQEQOLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180
Y 181 QSKPEIQYAPHLQEPNTNRESLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
b 181 QSKPEIQYAPHLQEPNTNRESLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
Y 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300
b 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300
Y 301 SKTEDHEEAGPLPTKYNLAHSEI 323
b 301 SKTEDHEEAGPLPTKYNLAHSEI 323
```

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Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 423
US-10-156-848-272
Sequence 272, Application US/10156848
Publication No. US20030194775A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: DeNovo, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Sherwood, Steven
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C421
CURRENT APPLICATION NUMBER: US/10/156,848
CURRENT FILING DATE: 2002-05-28
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-156-848-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVRTQGLPPLLLTLALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
Db 1 MAAPKGLWVRTQGLPPLLLTLALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDROYACHLGCQNO 120
Db 61 YPKEELYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDROYACHLGCQNO 120
QY 121 LPPAELRQEQOLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180
Db 121 LPPAELRQEQOLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180
QY 181 QSKPEIQYAPHLQEPNTNRESLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLQEPNTNRESLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLFPNNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 424
US-10-157-785-272
Sequence 272, Application US/10157785
Publication No. US20030194776A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
```



APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C428  
CURRENT APPLICATION NUMBER: US/10/157,785  
CURRENT FILING DATE: 2002-05-29  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-157-785-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECEACTEAYSQSDQVACHLGCQ 120  
DB 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECEACTEAYSQSDQVACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTPLYQADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTPLYQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPNTNRESSLKMSYLVQRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTNRESSLKMSYLVQRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLTCCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLTCCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEERAGPLPTKVNLAHSEI 323

## RESULT 425

US-10-157-794-272  
Sequence 272, Application US/10157794  
Publication No. US20030194778A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C434  
CURRENT APPLICATION NUMBER: US/10/157,794  
CURRENT FILING DATE: 2002-05-29  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-157-794-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECEACTEAYSQSDQVACHLGCQ 120  
DB 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECEACTEAYSQSDQVACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTPLYQADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTPLYQADGKIVIF 180  
QY 181 QSKPEIQYAPHLEQBPNTNRESSLKMSYLVQRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQBPNTNRESSLKMSYLVQRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLTCCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLTCCATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEERAGPLPTKVNLAHSEI 323

## RESULT 426

US-10-157-796-272  
Sequence 272, Application US/10157796  
Publication No. US20030194778A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C437  
CURRENT APPLICATION NUMBER: US/10/157,796

CURRENT FILING DATE: 2002-05-29

Prior Application remove - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-157-796-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWRTQLGPPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

b 1 MAAPKGSLSWRTQLGPPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Y 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCCNQ 120

b 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCCNQ 120

Y 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSPITSSWTFYLOADDGKIVIP 180

b 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSPITSSWTFYLOADDGKIVIP 180

Y 181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240

b 181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240

Y 241 ILTTVLVSWVLLWLTCCATVATVAVQYVPSEKLSIYGDLEFNMOKLNRYPASSLVVVR 300

b 241 ILTTVLVSWVLLWLTCCATVATVAVQYVPSEKLSIYGDLEFNMOKLNRYPASSLVVVR 300

Y 301 SKTEDEHAGPLTKVNLHSEI 323

b 301 SKTEDEHAGPLTKVNLHSEI 323

RESULT 427

S-10-160-500-272

Sequence 272, Application US/10160500

Publication No. US20030194779A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C453

CURRENT APPLICATION NUMBER: US/10/160,500

CURRENT FILING DATE: 2002-05-30

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-160-500-272

Query Match

100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWRTQLGPPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Db 1 MAAPKGSLSWRTQLGPPPLLLTALAGSGGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCCNQ 120

Db 61 YPKEEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCCNQ 120

Qy 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSPITSSWTFYLOADDGKIVIP 180

Db 121 LPFAELRQQLMSLMPKMLLPPLTLVRSFNSDMDSAQSPITSSWTFYLOADDGKIVIP 180

Qy 181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240

Db 181 QSKPEIQYAPHLEQEPNTLNRESLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240

Qy 241 ILTTVLVSWVLLWLTCCATVATVAVQYVPSEKLSIYGDLEFNMOKLNRYPASSLVVVR 300

Db 241 ILTTVLVSWVLLWLTCCATVATVAVQYVPSEKLSIYGDLEFNMOKLNRYPASSLVVVR 300

Qy 301 SKTEDEHAGPLTKVNLHSEI 323

Db 301 SKTEDEHAGPLTKVNLHSEI 323

RESULT 428

US-10-164-829A-330

Sequence 330, Application US/10164829A

Publication No. US20030194780A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kijavini, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C28

CURRENT APPLICATION NUMBER: US/10/164,829A

CURRENT FILING DATE: 2001-10-19

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

```

; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-829A-330

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSLSWVTRQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YKBEELVACORGCLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQNQ 120
DB 61 YKBEELVACORGCLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQNQ 120
QY 121 LPFABLRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
DB 121 LPFABLRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQVAPHLEOEPNLRSSLSKMSYLOQRNSQAHNFLEDSGDFLRCLSLNSGW 240
DB 181 QSKPEIQVAPHLEOEPNLRSSLSKMSYLOQRNSQAHNFLEDSGDFLRCLSLNSGW 240
QY 241 ILTTTLVLSVWLLMVICATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVWLLMVICATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

```

RESULT 429

```

US-10-164-929A-330
; Sequence 330, Application US/10164929A
; Publication No. US20030194781A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.

```

```

; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C36
; CURRENT APPLICATION NUMBER: US/10/164,929A
; PRIOR FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See file Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-929A-330

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVTRQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
DB 1 MAAPKGSLSWVTRQLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YKBEELVACORGCLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQNQ 120
DB 61 YKBEELVACORGCLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQNQ 120
QY 121 LPFABLRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
DB 121 LPFABLRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
QY 181 QSKPEIQVAPHLEOEPNLRSSLSKMSYLOQRNSQAHNFLEDSGDFLRCLSLNSGW 240
DB 181 QSKPEIQVAPHLEOEPNLRSSLSKMSYLOQRNSQAHNFLEDSGDFLRCLSLNSGW 240
QY 241 ILTTTLVLSVWLLMVICATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVWLLMVICATVATAVEQVVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

```

RESULT 430

```

US-10-121-046-272
; Sequence 272, Application US/10121046

```

Publication No. US20030194791A1  
GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P33301C2

CURRENT APPLICATION NUMBER: US/10/121,046  
CURRENT FILING DATE: 2002-04-11

Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272

LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien

S-10-121-046-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKSLVTRTQGLPRLILLTMAAGSGTASAEADSVLGDTSACRACOLTYPLHT 60  
1 MAAPKSLVTRTQGLPRLILLTMAAGSGTASAEADSVLGDTSACRACOLTYPLHT 60

61 YPKEELVACQRCRFLSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120  
61 YPKEELVACQRCRFLSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120

121 LPFAELRQQLMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFLQDDGKIYIP 180  
121 LPFAELRQQLMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFLQDDGKIYIP 180

181 QSKPEIYAPHLQEPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIYAPHLQEPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

241 ILTTTLVSVMLLTCCATVATAVEQYVPSEKLSIYGDLFPNMQKLNRYPASSLVYVR 300  
241 ILTTTLVSVMLLTCCATVATAVEQYVPSEKLSIYGDLFPNMQKLNRYPASSLVYVR 300

301 SKTEDEHEAGPLPTKYNLAHSEI 323  
301 SKTEDEHEAGPLPTKYNLAHSEI 323

RESULT 431  
S-10-123-156-272

Sequence 272, Application US/10123156  
Publication No. US20030194792A1

GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P33301C2

CURRENT APPLICATION NUMBER: US/10/121,046  
CURRENT FILING DATE: 2002-04-11

Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272

LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien

S-10-121-046-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKSLVTRTQGLPRLILLTMAAGSGTASAEADSVLGDTSACRACOLTYPLHT 60  
1 MAAPKSLVTRTQGLPRLILLTMAAGSGTASAEADSVLGDTSACRACOLTYPLHT 60

61 YPKEELVACQRCRFLSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120  
61 YPKEELVACQRCRFLSICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGCNQ 120

121 LPFAELRQQLMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFLQDDGKIYIP 180  
121 LPFAELRQQLMSLMPKXHLPLTLVRSFWSMDMSAQSFITSSWTFLQDDGKIYIP 180

181 QSKPEIYAPHLQEPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
181 QSKPEIYAPHLQEPTNLRESLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

241 ILTTTLVSVMLLTCCATVATAVEQYVPSEKLSIYGDLFPNMQKLNRYPASSLVYVR 300  
241 ILTTTLVSVMLLTCCATVATAVEQYVPSEKLSIYGDLFPNMQKLNRYPASSLVYVR 300

301 SKTEDEHEAGPLPTKYNLAHSEI 323  
301 SKTEDEHEAGPLPTKYNLAHSEI 323

APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P33301C43  
CURRENT APPLICATION NUMBER: US/10/123,156  
CURRENT FILING DATE: 2002-04-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062285  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062814  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/062816  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063082  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063327  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063550  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063561  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063704  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063733  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063735  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063738  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063755  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064248  
PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/064809  
PRIOR FILING DATE: 1997-11-07  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065846  
PRIOR FILING DATE: 1997-11-17  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066453  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066511  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/069212  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
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PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
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PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081595  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082999  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579

PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697  
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PRIOR APPLICATION NUMBER: 60/085704  
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PRIOR APPLICATION NUMBER: 60/086414  
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PRIOR APPLICATION NUMBER: 60/086430  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088730  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088741  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090863  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTOLGPPPLLLLTWALAGSGGTASAFDSVLGDTTASCHRACOLTYPLFT 60  
DB 1 MAAPKGSILWVTRTOLGPPPLLLLTWALAGSGGTASAFDSVLGDTTASCHRACOLTYPLFT 60  
QY 61 YPKEELYACORGCLFISICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120  
DB 61 YPKEELYACORGCLFISICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQNO 120  
QY 121 LPFAELRQEQMLSLMPKMHLLPPLTVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180  
DB 121 LPFAELRQEQMLSLMPKMHLLPPLTVRSFWSMDMSAQSPITSSWTFYLQADDGKIVIF 180  
QY 181 QSKPEIQYAPHLBOEPNLRBSLSKMSYLOMNSQAHNRFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLBOEPNLRBSLSKMSYLOMNSQAHNRFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVWVLWICCATVATAVQYVPSEKLSYIGDLEFMNEOKLWRYPASSLWVVR 300  
DB 241 ILTTTLVLSVWVLWICCATVATAVQYVPSEKLSYIGDLEFMNEOKLWRYPASSLWVVR 300  
QY 301 SKTEHREAGPLPTKYNLAHSEI 323  
DB 301 SKTEHREAGPLPTKYNLAHSEI 323

## RESULT 432

S-10-123-214-272

Sequence 272, Application US/10123214

Publication No. US20030194793A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C40  
CURRENT APPLICATION NUMBER: US/10/123,214  
CURRENT FILING DATE: 2002-04-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien

S-10-123-214-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKKEELYACORGRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120  
DB 61 YPKKEELYACORGRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSG 240

DB 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSG 240  
QY 241 ILTTTTLVLSVMVLLTCCATVATAVEQYVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTTLVLSVMVLLTCCATVATAVEQYVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKVNLAHSEI 323

## RESULT 433

US-10-125-805-272

Sequence 272, Application US/10125805

Publication No. US20030194794A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3330R1C59  
CURRENT APPLICATION NUMBER: US/10/125,805  
CURRENT FILING DATE: 2002-04-17  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien

US-10-125-805-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
DB 1 MAAPKGSILWRTQLGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKKEELYACORGRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120  
DB 61 YPKKEELYACORGRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCQ 120  
QY 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSG 240  
DB 181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSG 240  
QY 241 ILTTTTLVLSVMVLLTCCATVATAVEQYVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTTLVLSVMVLLTCCATVATAVEQYVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323

Db 301 SKTDEHERAGPLPTKYNLAHSEI 323

RESULT 434

US-10-013-922A-330

Sequence 330, Application US/10013922A

Publication No. US20030195345A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Flvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC81

CURRENT APPLICATION NUMBER: US/10/013,922A

CURRENT FILING DATE: 2001-10-25

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

PRIOR APPLICATION NUMBER: 60/078004

PRIOR FILING DATE: 1998-03-13

PRIOR APPLICATION NUMBER: 60/078886

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/078936

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/078910

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/078939

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/079294

PRIOR FILING DATE: 1998-03-25

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PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: 60/079664

PRIOR FILING DATE: 1998-03-27

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PRIOR APPLICATION NUMBER: 60/079663

PRIOR FILING DATE: 1998-03-27

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PRIOR FILING DATE: 1998-03-27

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PRIOR FILING DATE: 1998-03-31

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PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080165

PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080194

PRIOR FILING DATE: 1998-03-31

PRIOR APPLICATION NUMBER: 60/080327

PRIOR FILING DATE: 1998-04-01

PRIOR APPLICATION NUMBER: 60/080328

PRIOR FILING DATE: 1998-04-01

PRIOR APPLICATION NUMBER: 60/080333

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PRIOR APPLICATION NUMBER: 60/080334

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PRIOR APPLICATION NUMBER: 60/081071

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PRIOR FILING DATE: 1998-04-08

PRIOR APPLICATION NUMBER: 60/081203

PRIOR FILING DATE: 1998-04-09

PRIOR APPLICATION NUMBER: 60/081229

PRIOR FILING DATE: 1998-04-09

PRIOR APPLICATION NUMBER: 60/081955

PRIOR FILING DATE: 1998-04-15

PRIOR APPLICATION NUMBER: 60/081817

PRIOR FILING DATE: 1998-04-15

PRIOR APPLICATION NUMBER: 60/081819

PRIOR FILING DATE: 1998-04-15

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PRIOR FILING DATE: 1998-04-15

PRIOR APPLICATION NUMBER: 60/081838

PRIOR FILING DATE: 1998-04-15

PRIOR APPLICATION NUMBER: 60/082568

PRIOR FILING DATE: 1998-04-21

PRIOR APPLICATION NUMBER: 60/082569

PRIOR FILING DATE: 1998-04-21

PRIOR APPLICATION NUMBER: 60/082704

PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082804

PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082700

PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082797

PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082796

PRIOR FILING DATE: 1998-04-23

PRIOR APPLICATION NUMBER: 60/083336

PRIOR FILING DATE: 1998-04-27

PRIOR APPLICATION NUMBER: 60/083322

PRIOR FILING DATE: 1998-04-28

PRIOR APPLICATION NUMBER: 60/083392

PRIOR FILING DATE: 1998-04-29

PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
y 1 MAAPKSLWRTQLGPPILLTALAGSGGTASAPDSVLGDTASCHRAQOLTYPLHT 60  
b 1 MAAPKSLWRTQLGPPILLTALAGSGGTASAPDSVLGDTASCHRAQOLTYPLHT 60  
y 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNTKLECSACTRAYSDRQYACHLGCQNQ 120  
b 61 YPKEEELYACQRCGLFSLICQFVDDGIDLNTKLECSACTRAYSDRQYACHLGCQNQ 120  
y 121 LPFAELRQEQLSLMPKHLPLTLVRSFWSMDMSAQSFITSSWTFYLQDDGKIVF 180

Db 121 LPFAELRQEQLSLMPKHLPLTLVRSFWSMDMSAQSFITSSWTFYLQDDGKIVF 180  
Qy 181 QSKPEIQYAEHLQEPNTLRSSLSKWSYLOWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAEHLQEPNTLRSSLSKWSYLOWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILATTVLSVWVLLWICCATVATAVRQYVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILATTVLSVWVLLWICCATVATAVRQYVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHREAGPLPTKYNLAHSEI 323  
Db 301 SKTEDEHREAGPLPTKYNLAHSEI 323  
RESULT 435  
US-10-020-445A-330  
; Sequence 330, Application US/10020445A  
; Publication No. US20030198994A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCES: P2630P1C74  
; CURRENT APPLICATION NUMBER: US/10/020,445A  
; CURRENT FILING DATE: 2001-10-24  
; PRIOR APPLICATION NUMBER: 09/918595  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12



1	PRIOR APPLICATION NUMBER: 60/078004-1
2	PRIOR FILING DATE: 1998-03-13
3	PRIOR APPLICATION NUMBER: 60/078886
4	PRIOR FILING DATE: 1998-03-20
5	PRIOR APPLICATION NUMBER: 60/078936
6	PRIOR FILING DATE: 1998-03-20
7	PRIOR APPLICATION NUMBER: 60/078910
8	PRIOR FILING DATE: 1998-03-20
9	PRIOR APPLICATION NUMBER: 60/078939
10	PRIOR FILING DATE: 1998-03-20
11	PRIOR APPLICATION NUMBER: 60/079294
12	PRIOR FILING DATE: 1998-03-25
13	PRIOR APPLICATION NUMBER: 60/079656
14	PRIOR FILING DATE: 1998-03-26
15	PRIOR APPLICATION NUMBER: 60/079664
16	PRIOR FILING DATE: 1998-03-27
17	PRIOR APPLICATION NUMBER: 60/079689
18	PRIOR FILING DATE: 1998-03-27
19	PRIOR APPLICATION NUMBER: 60/079666
20	PRIOR FILING DATE: 1998-03-27
21	PRIOR APPLICATION NUMBER: 60/079728
22	PRIOR FILING DATE: 1998-03-27
23	PRIOR APPLICATION NUMBER: 60/079786
24	PRIOR FILING DATE: 1998-03-27
25	PRIOR APPLICATION NUMBER: 60/079920
26	PRIOR FILING DATE: 1998-03-30
27	PRIOR APPLICATION NUMBER: 60/079923
28	PRIOR FILING DATE: 1998-03-30
29	PRIOR APPLICATION NUMBER: 60/080105
30	PRIOR FILING DATE: 1998-03-31
31	PRIOR APPLICATION NUMBER: 60/080107
32	PRIOR FILING DATE: 1998-03-31
33	PRIOR APPLICATION NUMBER: 60/080165
34	PRIOR FILING DATE: 1998-03-31
35	PRIOR APPLICATION NUMBER: 60/080194
36	PRIOR FILING DATE: 1998-03-31
37	PRIOR APPLICATION NUMBER: 60/080327
38	PRIOR FILING DATE: 1998-04-01
39	PRIOR APPLICATION NUMBER: 60/080328
40	PRIOR FILING DATE: 1998-04-01
41	PRIOR APPLICATION NUMBER: 60/080333
42	PRIOR FILING DATE: 1998-04-01
43	PRIOR APPLICATION NUMBER: 60/080334
44	PRIOR FILING DATE: 1998-04-01
45	PRIOR APPLICATION NUMBER: 60/081070
46	PRIOR FILING DATE: 1998-04-08
47	PRIOR APPLICATION NUMBER: 60/081049
48	PRIOR FILING DATE: 1998-04-08
49	PRIOR APPLICATION NUMBER: 60/081071
50	PRIOR FILING DATE: 1998-04-08
51	PRIOR APPLICATION NUMBER: 60/081195
52	PRIOR FILING DATE: 1998-04-08
53	PRIOR APPLICATION NUMBER: 60/081817
54	PRIOR FILING DATE: 1998-04-15
55	PRIOR APPLICATION NUMBER: 60/081819
56	PRIOR FILING DATE: 1998-04-15
57	PRIOR APPLICATION NUMBER: 60/081952
58	PRIOR FILING DATE: 1998-04-15
59	PRIOR APPLICATION NUMBER: 60/081838
60	PRIOR FILING DATE: 1998-04-15
61	PRIOR APPLICATION NUMBER: 60/082568
62	PRIOR FILING DATE: 1998-04-21
63	PRIOR APPLICATION NUMBER: 60/082569
64	PRIOR FILING DATE: 1998-04-21
65	PRIOR APPLICATION NUMBER: 60/082704
66	PRIOR FILING DATE: 1998-04-22
67	PRIOR APPLICATION NUMBER: 60/082804

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
b 1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

y 61 YPKEEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCNQ 120  
b 61 YPKEEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCNQ 120

y 121 LPTAELRQELMSLMPKHLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
b 121 LPTAELRQELMSLMPKHLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

y 181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

y 241 ILTTVLVSVMLLWICCATVAVQYVPESEKLSIYGDLFNEQKLNRYPASSLVVVR 300  
b 241 ILTTVLVSVMLLWICCATVAVQYVPESEKLSIYGDLFNEQKLNRYPASSLVVVR 300

y 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 436  
S-10-013-924A-330  
Sequence 330, Application US/10013924A  
Publication No. US20030199023A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker, Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C76  
CURRENT APPLICATION NUMBER: US/10/013,924A  
CURRENT FILING DATE: 2002-12-10  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-013-924A-330

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKGSWVTRTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRAQOLTYPLHT 60

Qy 61 YPKEEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCNQ 120  
Db 61 YPKEEELIYACQRCGLFSCQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCNQ 120

Qy 121 LPTAELRQELMSLMPKHLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPTAELRQELMSLMPKHLFPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Qy 181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240

Qy 241 ILTTVLVSVMLLWICCATVAVQYVPESEKLSIYGDLFNEQKLNRYPASSLVVVR 300  
Db 241 ILTTVLVSVMLLWICCATVAVQYVPESEKLSIYGDLFNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 437  
US-10-124-821-272  
Sequence 272, Application US/10124821  
Publication No. US20030199023A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330R1C61  
; CURRENT APPLICATION NUMBER: US/10/124,821  
; CURRENT FILING DATE: 2002-04-17  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
; US-10-124-821-272

Query Match      100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY    1 MAAPKGSLSWRTQGLPPLLLTALAGSGCTASARAFDSVLGDTASCHACOLTYPLHT 60  
      |||||  
DB    1 MAAPKGSLSWRTQGLPPLLLTALAGSGCTASARAFDSVLGDTASCHACOLTYPLHT 60  
      |||||

QY    61 YPKBELVACQRCGLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
      |||||  
DB    61 YPKBELVACQRCGLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
      |||||

QY    121 LPFASLRQBLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
      |||||  
DB    121 LPFASLRQBLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
      |||||

QY    181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
      |||||  
DB    181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
      |||||

QY    241 ILTTTLVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
      |||||  
DB    241 ILTTTLVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
      |||||

QY    301 SKTEDEHEAGPLPTKVNLAHSEI 323  
      |||||  
DB    301 SKTEDEHEAGPLPTKVNLAHSEI 323  
      |||||

RESULT 438  
US-10-152-385-272  
; Sequence 272, Application US/10152385  
; Publication No. US20030199025A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C396  
; CURRENT APPLICATION NUMBER: US/10/152,385  
; CURRENT FILING DATE: 2002-05-21  
; Prior Application removed - See Palm or File Wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
; US-10-152-385-272

Query Match      100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY    1 MAAPKGSLSWRTQGLPPLLLTALAGSGCTASARAFDSVLGDTASCHACOLTYPLHT 60  
      |||||  
DB    1 MAAPKGSLSWRTQGLPPLLLTALAGSGCTASARAFDSVLGDTASCHACOLTYPLHT 60  
      |||||

QY    61 YPKBELVACQRCGLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
      |||||  
DB    61 YPKBELVACQRCGLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
      |||||

QY    121 LPFASLRQBLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
      |||||  
DB    121 LPFASLRQBLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
      |||||

QY    181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
      |||||  
DB    181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
      |||||

QY    241 ILTTTLVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
      |||||  
DB    241 ILTTTLVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
      |||||

QY    301 SKTEDEHEAGPLPTKVNLAHSEI 323  
      |||||  
DB    301 SKTEDEHEAGPLPTKVNLAHSEI 323  
      |||||

; ORGANISM: Homo Sapien  
; US-10-152-385-272

Query Match      100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY    1 MAAPKGSLSWRTQGLPPLLLTALAGSGCTASARAFDSVLGDTASCHACOLTYPLHT 60  
      |||||  
DB    1 MAAPKGSLSWRTQGLPPLLLTALAGSGCTASARAFDSVLGDTASCHACOLTYPLHT 60  
      |||||

QY    61 YPKBELVACQRCGLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
      |||||  
DB    61 YPKBELVACQRCGLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
      |||||

QY    121 LPFASLRQBLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
      |||||  
DB    121 LPFASLRQBLMSLMPKQHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
      |||||

QY    181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
      |||||  
DB    181 QSKPEIQVAPHLEQPTNLRESSLSKMSYLQWRNSQAHNFLEDESGDFLRCLSLNSGW 240  
      |||||

QY    241 ILTTTLVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
      |||||  
DB    241 ILTTTLVLSVMVLLTCCATVATVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
      |||||

QY    301 SKTEDEHEAGPLPTKVNLAHSEI 323  
      |||||  
DB    301 SKTEDEHEAGPLPTKVNLAHSEI 323  
      |||||

RESULT 439  
US-10-152-393-272  
; Sequence 272, Application US/10152393  
; Publication No. US20030199026A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C379  
; CURRENT APPLICATION NUMBER: US/10/152,393  
; CURRENT FILING DATE: 2002-05-20  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
; US-10-152-393-272

Query Match      100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY    1 MAAPKGSLSWRTQGLPPLLLTALAGSGCTASARAFDSVLGDTASCHACOLTYPLHT 60  
      |||||  
DB    1 MAAPKGSLSWRTQGLPPLLLTALAGSGCTASARAFDSVLGDTASCHACOLTYPLHT 60  
      |||||

```

b 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
iy 61 YPKEEELIYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDBOYACHLGCONQ 120
ib 61 YPKEEELIYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDBOYACHLGCONQ 120
iy 121 LPFAELRQEQMLMSPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQMLMSPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
y 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOQMSQAHRNFLEDGSDGFLRCLSLNSGW 240
b 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOQMSQAHRNFLEDGSDGFLRCLSLNSGW 240
y 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300
y 301 SKTEDHEEAGPLPTKVNLAHSEI 323
b 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 440
S-10-152-396-272
Sequence 272, Application US/10152396
Publication No. US20030199027A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C382
CURRENT APPLICATION NUMBER: US/10/152,396
CURRENT FILING DATE: 2002-05-20
Prior Application removed - See Palm or File Wrapper
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
S-10-152-396-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

iy 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
ib 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
iy 61 YPKEEELIYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDBOYACHLGCONQ 120
ib 61 YPKEEELIYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDBOYACHLGCONQ 120
y 121 LPFAELRQEQMLMSPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
b 121 LPFAELRQEQMLMSPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
y 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOQMSQAHRNFLEDGSDGFLRCLSLNSGW 240
b 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOQMSQAHRNFLEDGSDGFLRCLSLNSGW 240
y 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300
b 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

```

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Qy 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOQMSQAHRNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOQMSQAHRNFLEDGSDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300
Qy 301 SKTEDHEEAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 441
US-10-153-552-272
Sequence 272, Application US/10153552
Publication No. US20030199028A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary B.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stewart, Timothy A.
APPLICANT: Tamas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C417
CURRENT APPLICATION NUMBER: US/10/153,552
CURRENT FILING DATE: 2002-05-22
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-153-552-272

Query Match 100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Db 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60
Qy 61 YPKEEELIYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDBOYACHLGCONQ 120
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDBOYACHLGCONQ 120
Qy 121 LPFAELRQEQMLMSPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Db 121 LPFAELRQEQMLMSPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180
Qy 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOQMSQAHRNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPEIQYAPHLRQEPNTNLRSSLSKMSYLOQMSQAHRNFLEDGSDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300
Db 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300

```

Qy 301 SKTEDEEAGPLTKVNLHSEI 323  
Db 301 SKTEDEEAGPLTKVNLHSEI 323

## RESULT 442

US-10-153-840-272

; Sequence 272, Application US/10153840

; Publication No. US20030199029A1

## GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C414

; CURRENT APPLICATION NUMBER: US/10/153,840

; CURRENT FILING DATE: 2002-05-22

; Prior Application removed - See file Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-153-840-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVRVLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGSWVRVLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
Qy 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120  
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120  
Qy 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180  
Db 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180  
Qy 181 QSKPEIQIYAPHLBOEPTNLRESSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQIYAPHLBOEPTNLRESSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Qy 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGLDFNNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGLDFNNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDEEAGPLTKVNLHSEI 323  
Db 301 SKTEDEEAGPLTKVNLHSEI 323

## RESULT 443

US-10-156-841-272

; Sequence 272, Application US/10156841

; Publication No. US20030199030A1

## GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C422

; CURRENT APPLICATION NUMBER: US/10/156,841

; CURRENT FILING DATE: 2002-05-28

; Prior Application removed - See file Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-156-841-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSWVRVLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGSWVRVLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
Qy 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120  
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCONQ 120  
Qy 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180  
Db 121 LPFAELRQELMSLMPKMHLLPFLTLVRSFWSMDMSAQSFITSSWTFYLQADGKIVIF 180  
Qy 181 QSKPEIQIYAPHLBOEPTNLRESSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQIYAPHLBOEPTNLRESSLSKMSYLOMNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Qy 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGLDFNNEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLWICCATVATAVEQYVPSEKLSIYGLDFNNEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDEEAGPLTKVNLHSEI 323  
Db 301 SKTEDEEAGPLTKVNLHSEI 323

## RESULT 444

US-10-156-842-272

; Sequence 272, Application US/10156842

; Publication No. US20030199031A1

## GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

```
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C419
; CURRENT APPLICATION NUMBER: US/10/156,842
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-156-842-272

Query Match      100.0%; Score 1694; DB 14; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

; 2Y 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
; Db 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
; 2Y 61 YPKBEELVACQGCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCONQ 120
; Db 61 YPKBEELVACQGCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCONQ 120
; 2Y 121 LPFAELRQELMSLAPKPHLLFPPLTVRSFWSMDMSAQSFITSSWTFYQLQDDGKIVP 180
; Db 121 LPFAELRQELMSLAPKPHLLFPPLTVRSFWSMDMSAQSFITSSWTFYQLQDDGKIVP 180
; 2Y 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
; Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
; 2Y 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
; Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
; 2Y 301 SKTEDEHREAGPLPTKVNLAHSEI 323
; Db 301 SKTEDEHREAGPLPTKVNLAHSEI 323

RESULT 445
US-10-156-844-272
; Sequence 272, Application US/10156844
; Publication No. US20030199032A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C418
; CURRENT APPLICATION NUMBER: US/10/156,845
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-156-845-272

; 2Y 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
; Db 1 MAAPKGSLSWVRLTGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
; 2Y 61 YPKBEELVACQGCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCONQ 120
; Db 61 YPKBEELVACQGCGLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCONQ 120
; 2Y 121 LPFAELRQELMSLAPKPHLLFPPLTVRSFWSMDMSAQSFITSSWTFYQLQDDGKIVP 180
; Db 121 LPFAELRQELMSLAPKPHLLFPPLTVRSFWSMDMSAQSFITSSWTFYQLQDDGKIVP 180
; 2Y 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
; Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGFRLCLSLNSGW 240
; 2Y 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
; Db 241 ILTTTLVLSVMVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300
; 2Y 301 SKTEDEHREAGPLPTKVNLAHSEI 323
; Db 301 SKTEDEHREAGPLPTKVNLAHSEI 323

RESULT 446
US-10-156-845-272
; Sequence 272, Application US/10156845
; Publication No. US20030199033A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C418
; CURRENT APPLICATION NUMBER: US/10/156,845
; CURRENT FILING DATE: 2002-05-28
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-156-845-272
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Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60

QY 61 YPKBELYACQRCGLFSTICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGQCNQ 120  
DB 61 YPKBELYACQRCGLFSTICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGQCNQ 120

QY 121 LPFAELRQQLMSLMPKMHLLFPFLTLVRSFWSMDMDSAQSPITSSWTFLQADGKIYIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLFPFLTLVRSFWSMDMDSAQSPITSSWTFLQADGKIYIF 180

QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWNSQAHNFLEDESDFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWNSQAHNFLEDESDFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDHERAGPLPTKVNLAHSEI 323

## RESULT 447

US-10-156-846-272  
; Sequence 272, Application US/10156846  
; Publication No. US20030199034A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C424  
; CURRENT APPLICATION NUMBER: US/10/156,846  
; CURRENT FILING DATE: 2001-05-28  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-156-846-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60

QY 61 YPKBELYACQRCGLFSTICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGQCNQ 120

DB 61 YPKBELYACQRCGLFSTICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGQCNQ 120

QY 121 LPFAELRQQLMSLMPKMHLLFPFLTLVRSFWSMDMDSAQSPITSSWTFLQADGKIYIF 180

DB 121 LPFAELRQQLMSLMPKMHLLFPFLTLVRSFWSMDMDSAQSPITSSWTFLQADGKIYIF 180

QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWNSQAHNFLEDESDFLRCLSLNSGW 240

DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWNSQAHNFLEDESDFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

DB 241 ILTTTLVLSVMVLLWCATVATAVEQVPSSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300

QY 301 SKTEDHERAGPLPTKVNLAHSEI 323

DB 301 SKTEDHERAGPLPTKVNLAHSEI 323

RESULT 448  
US-10-121-048-272  
; Sequence 272, Application US/10121048  
; Publication No. US20030199051A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C7  
; CURRENT APPLICATION NUMBER: US/10/121,048  
; CURRENT FILING DATE: 2002-04-12  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-121-048-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60

DB 1 MAAPKGSLSWVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60

QY 61 YPKBELYACQRCGLFSTICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGQCNQ 120

DB 61 YPKBELYACQRCGLFSTICQFVDDGIDLNRKLECSACTEAYSQSDEQYACHLGQCNQ 120

QY 121 LPFAELRQQLMSLMPKMHLLFPFLTLVRSFWSMDMDSAQSPITSSWTFLQADGKIYIF 180

DB 121 LPFAELRQQLMSLMPKMHLLFPFLTLVRSFWSMDMDSAQSPITSSWTFLQADGKIYIF 180

QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOWNSQAHNFLEDESDFLRCLSLNSGW 240

b 181 QSKPEIQYAPHLBOEPTNLRSSLSKMSYQMNRSQAHNFLEDSGDFLRCLSLNSGW 240  
y 241 ILTTTLVLSVWLLWICCATVATAVEQYVSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVWLLWICCATVATAVEQYVSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
y 301 SKTDEHEAGPLPTKVNLAHSEI 323  
b 301 SKTDEHEAGPLPTKVNLAHSEI 323

## RESULT 449

US-10-121-052-272  
Sequence 272, Application US/10121052  
Publication No. US20030199052A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
CURRENT APPLICATION NUMBER: US/10/121,052  
CURRENT FILING DATE: 2002-04-12  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-121-052-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGSLLWVTRTQGLPPLILLTALAGSGGTASAAAFDSVLGDTASCHRAQLTYPLHT 60  
b 1 MAAPKGSLLWVTRTQGLPPLILLTALAGSGGTASAAAFDSVLGDTASCHRAQLTYPLHT 60  
y 61 YPKEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLCCQNO 120  
b 61 YPKEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLCCQNO 120  
y 121 LPFAELRQEQALMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
b 121 LPFAELRQEQALMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
y 181 QSKPEIQYAPHLBOEPTNLRSSLSKMSYQMNRSQAHNFLEDSGDFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLBOEPTNLRSSLSKMSYQMNRSQAHNFLEDSGDFLRCLSLNSGW 240  
y 241 ILTTTLVLSVWLLWICCATVATAVEQYVSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVWLLWICCATVATAVEQYVSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
y 301 SKTDEHEAGPLPTKVNLAHSEI 323  
b 301 SKTDEHEAGPLPTKVNLAHSEI 323

## RESULT 450

US-10-121-053-272  
Sequence 272, Application US/10121053  
Publication No. US20030199053A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
CURRENT APPLICATION NUMBER: US/10/121,053  
CURRENT FILING DATE: 2002-04-12  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-121-053-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLLWVTRTQGLPPLILLTALAGSGGTASAAAFDSVLGDTASCHRAQLTYPLHT 60  
Db 1 MAAPKGSLLWVTRTQGLPPLILLTALAGSGGTASAAAFDSVLGDTASCHRAQLTYPLHT 60  
Qy 61 YPKEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLCCQNO 120  
Db 61 YPKEELIYACQRCRLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLCCQNO 120  
Qy 121 LPFAELRQEQALMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
Db 121 LPFAELRQEQALMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
Qy 181 QSKPEIQYAPHLBOEPTNLRSSLSKMSYQMNRSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLBOEPTNLRSSLSKMSYQMNRSQAHNFLEDSGDFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVWLLWICCATVATAVEQYVSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLWICCATVATAVEQYVSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300  
Qy 301 SKTDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTDEHEAGPLPTKVNLAHSEI 323

## RESULT 451

US-10-121-054-272  
Sequence 272, Application US/10121054  
Publication No. US20030199054A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen



APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C14  
CURRENT APPLICATION NUMBER: US/10/121,054  
CURRENT FILING DATE: 2002-04-12  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-121-054-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQSGCLFSLICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBELYACQSGCLFSLICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPFAELRQQLMSLPKMHLLPPLTLVRSFMSDMMDSAQSPITSSWTFYLAQDDGKIYIP 180  
DB 121 LPFAELRQQLMSLPKMHLLPPLTLVRSFMSDMMDSAQSPITSSWTFYLAQDDGKIYIP 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOQRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOQRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYCDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYCDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHREAGPLTKVNLASHSEI 323  
DB 301 SKTEDEHREAGPLTKVNLASHSEI 323

RESULT 452  
US-10-121-063-272  
Sequence 272, Application US/10121063  
Publication No. US20030199055A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C35

APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C19  
CURRENT APPLICATION NUMBER: US/10/121,063  
CURRENT FILING DATE: 2002-04-12  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-121-063-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAAAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQSGCLFSLICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBELYACQSGCLFSLICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPFAELRQQLMSLPKMHLLPPLTLVRSFMSDMMDSAQSPITSSWTFYLAQDDGKIYIP 180  
DB 121 LPFAELRQQLMSLPKMHLLPPLTLVRSFMSDMMDSAQSPITSSWTFYLAQDDGKIYIP 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOQRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOQRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYCDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYCDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHREAGPLTKVNLASHSEI 323  
DB 301 SKTEDEHREAGPLTKVNLASHSEI 323

RESULT 453  
US-10-123-212-272  
Sequence 272, Application US/10123212  
Publication No. US20030199056A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C35

CURRENT APPLICATION NUMBER: US/10/123,212  
CURRENT FILING DATE: 2002-04-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062285  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062814  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/062816  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063082  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063327  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063550  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063561  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063704  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063733  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063735  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063738  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063755  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064248  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/064809  
PRIOR FILING DATE: 1997-11-07  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065846  
PRIOR FILING DATE: 1997-11-17  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066453  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066511  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/069212  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069334  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081695  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082999  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086414  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/086430  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04

PRIOR APPLICATION NUMBER: 60/088730  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088741  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090863  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172; Mismatches 0; Indels 0; Gaps 0;  
Matches 323; Conservative 0;

QY 1 MAAPKSLWRTQLGLPPLLLTALAGSGTASAEATDVLGDTASCHRAQCTYPLHT 60  
DB 1 MAAPKSLWRTQLGLPPLLLTALAGSGTASAEATDVLGDTASCHRAQCTYPLHT 60  
QY 61 YPKBELYACQRCRLFSICQFVDDGIDLNRKLEBSACTEAYSQSDQVACHLGCQNG 120  
DB 61 YPKBELYACQRCRLFSICQFVDDGIDLNRKLEBSACTEAYSQSDQVACHLGCQNG 120  
QY 121 LPPAELRQQLMSLMPKMLLPLTLVRSFSDMMDSAQSFITTSWTPLYLOADGKIIVP 180  
DB 121 LPPAELRQQLMSLMPKMLLPLTLVRSFSDMMDSAQSFITTSWTPLYLOADGKIIVP 180  
QY 181 QSKPEIQYAPHLEQRTNLRSSLSKMSYLOQNSQAHNFLEDSQDFLRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQRTNLRSSLSKMSYLOQNSQAHNFLEDSQDFLRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSKLSIYGBLEBPMQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLTCCATVATAVEQYVPSKLSIYGBLEBPMQKLNRYPASSLVVVR 300  
QY 301 SKTEDEERAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEERAGPLPTKVNLAHSEI 323

RESULT 454

US-10-123-213-272  
Sequence 272, Application US/10123213  
Publication No. US20030199057A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhaog, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCES: P3330RIC31  
CURRENT APPLICATION NUMBER: US/10/123,213  
CURRENT FILING DATE: 2002-04-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-16  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062285  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062814  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/062916  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063082  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063327  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063550  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063561  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063704  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063733  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063735  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063738  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063755  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064248  
PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/064809  
PRIOR FILING DATE: 1997-11-07  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065846  
PRIOR FILING DATE: 1997-11-17  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066453  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066511  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/069212  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069334  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081695  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082999  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579

PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086414  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/086430  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088730  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088741  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 1998-06-11  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090863  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSILWVRTQGLPPLLLLTWALAGSGGTASAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEEELYACQCGCLPESICQFYDDGIDLNRKLECESACTEAYSOSDOYACHGCONQ 120  
DB 61 YPKEEELYACQCGCLPESICQFYDDGIDLNRKLECESACTEAYSOSDOYACHGCONQ 120  
QY 121 LPFAELRQEQQLMSLMPXWHLFPILTVRSFWSMDMSAQSFITSSMTFYLOADDGKIVIF 180  
DB 121 LPFAELRQEQQLMSLMPXWHLFPILTVRSFWSMDMSAQSFITSSMTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLBOEPTNIBESSLSKMSYLOMNSQAHNRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLBOEPTNIBESSLSKMSYLOMNSQAHNRNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSKLSIYGDLEFWMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSKLSIYGDLEFWMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLHSEI 323

RESULT 455

US-10-123-291-272

; Sequence 272, Application US/10123291

; Publication No. US20030199058A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tamas, Daniel

; APPLICANT: Watanabe, Colin K

; APPLICANT: Wood, William

; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3330R1C28

; CURRENT APPLICATION NUMBER: US/10/123,291

; CURRENT FILING DATE: 2002-04-15

; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272

; LENGTH: 323

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-123-291-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 14; Length 323;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRVQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

DB 1 MAAPKGSWVRVQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YPKBEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQEQVACHLGCONQ 120

DB 61 YPKBEELYACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDQEQVACHLGCONQ 120

QY 121 LPFARLQRLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180

DB 121 LPFARLQRLMSLMPKMLLPPLTLVRSFWSMDMSAQSPITSSWTFFYLQADGKIVIF 180

QY 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOQRNSQAHNFLEDGESDGFRLCLSLNSGW 240

DB 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOQRNSQAHNFLEDGESDGFRLCLSLNSGW 240

QY 241 ILTTTLVLSVWLLTCCATVATVEQYVPSEKLSIYGLDFPMNEQKLNRYPASSLWVR 300

DB 241 ILTTTLVLSVWLLTCCATVATVEQYVPSEKLSIYGLDFPMNEQKLNRYPASSLWVR 300

QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323

DB 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 456

US-10-123-322-272

; Sequence 272, Application US/10123322

; Publication No. US20030199059A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen

; APPLICANT: DeForge, Laura

; APPLICANT: Desnoyers, Luc

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Gurney, Austin L.

; APPLICANT: Sherwood, Steven

; APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tomas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C26  
CURRENT APPLICATION NUMBER: US/10/123, 771  
CURRENT FILING DATE: 2002-04-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059283  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059836  
PRIOR FILING DATE: 1997-09-24  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062285  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/062814  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/062816  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063045  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063082  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063327  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063350  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063561  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063704  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063733  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063735  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063738  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063755  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064248  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/064809  
PRIOR FILING DATE: 1997-11-07  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065846

PRIOR FILING DATE: 1997-11-17  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066453  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066511  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/069212  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069334  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081695  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082999  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15

;; PRIOR APPLICATION NUMBER: 60/086414  
;; PRIOR FILING DATE: 1998-05-22  
;; PRIOR APPLICATION NUMBER: 60/086430  
;; PRIOR FILING DATE: 1998-05-22  
;; PRIOR APPLICATION NUMBER: 60/087106  
;; PRIOR FILING DATE: 1998-05-28  
;; PRIOR APPLICATION NUMBER: 60/088026  
;; PRIOR FILING DATE: 1998-06-04  
;; PRIOR APPLICATION NUMBER: 60/088730  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088741  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088810  
;; PRIOR FILING DATE: 1998-06-10  
;; PRIOR APPLICATION NUMBER: 60/088858  
;; PRIOR FILING DATE: 1998-06-11  
;; PRIOR APPLICATION NUMBER: 60/089532  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089599  
;; PRIOR FILING DATE: 1998-06-17  
;; PRIOR APPLICATION NUMBER: 60/089907  
;; PRIOR FILING DATE: 1998-06-18  
;; PRIOR APPLICATION NUMBER: 60/089947  
;; PRIOR FILING DATE: 1998-06-19  
;; PRIOR APPLICATION NUMBER: 60/090349  
;; PRIOR FILING DATE: 1998-06-23  
;; PRIOR APPLICATION NUMBER: 60/090429  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090445  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090538  
;; PRIOR FILING DATE: 1998-06-24  
;; PRIOR APPLICATION NUMBER: 60/090863  
;; PRIOR FILING DATE: 1998-06-26  
;; PRIOR APPLICATION NUMBER: 60/091360  
;; PRIOR FILING DATE: 1998-07-01  
;; PRIOR APPLICATION NUMBER: 60/091519  
;; PRIOR FILING DATE: 1998-07-02  
;; PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGS�AVRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
DB 1 MAAPKGS�AVRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
  
QY 61 YPKEEELYACQRCGRFLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQ 120  
DB 61 YPKEEELYACQRCGRFLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQ 120  
  
QY 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFTYLAQDDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFTYLAQDDGKIVIF 180  
  
QY 181 QSKPEIQYAPHLEQSEPTNLRSSLSKMSYLQWRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQSEPTNLRSSLSKMSYLQWRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
  
QY 241 ILTTTLVLSVMVLLMTCCATVATVEQYVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCCATVATVEQYVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
  
QY 301 SKTEDEHAEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEHAEAGPLPTKYNLAHSEI 323

RESULT 458  
US-10-123-911-272  
; Sequence 272, Application US/10123911  
; Publication No. US20030199061A1

;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Beresini, Maureen  
;; APPLICANT: DeForge, Laura  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Sherwood, Steven  
;; APPLICANT: Smith, Victoria  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Watarabe, Colin K.  
;; APPLICANT: Wood, William  
;; APPLICANT: Zhang, Zemin  
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
;; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
;; FILE REFERENCE: P3330R1C52  
;; CURRENT APPLICATION NUMBER: US/10/123,911  
;; CURRENT FILING DATE: 2002-04-16  
;; Prior Application removed - See File Wrapper or Palm  
;; NUMBER OF SEQ ID NOS: 550  
;; SEQ ID NO 272  
;; LENGTH: 323  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-123-911-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAAPKGS�AVRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
DB 1 MAAPKGS�AVRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQQLTYPLHT 60  
  
QY 61 YPKEEELYACQRCGRFLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQ 120  
DB 61 YPKEEELYACQRCGRFLFSICQFVDDGIDLNRKLCESACTEAYSQSDEQYACHLGCQ 120  
  
QY 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFTYLAQDDGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDMSAQSPITSSWTFTYLAQDDGKIVIF 180  
  
QY 181 QSKPEIQYAPHLEQSEPTNLRSSLSKMSYLQWRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLEQSEPTNLRSSLSKMSYLQWRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
  
QY 241 ILTTTLVLSVMVLLMTCCATVATVEQYVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMTCCATVATVEQYVPSSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
  
QY 301 SKTEDEHAEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDEHAEAGPLPTKYNLAHSEI 323

RESULT 459  
US-10-124-823-272  
; Sequence 272, Application US/10124823  
; Publication No. US20030199062A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Beresini, Maureen  
;; APPLICANT: DeForge, Laura  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C60

CURRENT APPLICATION NUMBER: US/10/124,823

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-124-823-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWVRLTQGLPPHLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGLWVRLTQGLPPHLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120

61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120

121 LPFAELROELMSLMPKMLLPPLTLVRSFWSMDMSAQSFTSSWTFYLOADDGKIVIF 180

121 LPFAELROELMSLMPKMLLPPLTLVRSFWSMDMSAQSFTSSWTFYLOADDGKIVIF 180

181 QSKPEIQAYAPHLQEPNTNRESLSKMSYLQKNSQAHNFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQAYAPHLQEPNTNRESLSKMSYLQKNSQAHNFLEDGSDGFLRCLSLNSGW 240

241 ILTTVLVSMVLLWTCATVATVAVQYVPESEKLSIYGDLFPMNEOKLNRYPASSLVVVR 300

241 ILTTVLVSMVLLWTCATVATVAVQYVPESEKLSIYGDLFPMNEOKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323

301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 460

US-10-125-931-272

Sequence 272, Application US/10125931

Publication No. US20030199063A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C71

CURRENT APPLICATION NUMBER: US/10/125,931

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-125-931-272

Query Match 100.0%; Score 1694; DB 14; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWVRLTQGLPPHLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGLWVRLTQGLPPHLLLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120

61 YPKEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQNG 120

121 LPFAELROELMSLMPKMLLPPLTLVRSFWSMDMSAQSFTSSWTFYLOADDGKIVIF 180

121 LPFAELROELMSLMPKMLLPPLTLVRSFWSMDMSAQSFTSSWTFYLOADDGKIVIF 180

181 QSKPEIQAYAPHLQEPNTNRESLSKMSYLQKNSQAHNFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQAYAPHLQEPNTNRESLSKMSYLQKNSQAHNFLEDGSDGFLRCLSLNSGW 240

241 ILTTVLVSMVLLWTCATVATVAVQYVPESEKLSIYGDLFPMNEOKLNRYPASSLVVVR 300

241 ILTTVLVSMVLLWTCATVATVAVQYVPESEKLSIYGDLFPMNEOKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323

301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 461

US-10-125-932-272

Sequence 272, Application US/10125932

Publication No. US20030199064A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C72

CURRENT APPLICATION NUMBER: US/10/125,932

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323



; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-125-932-272

Query Match 100.0%; Score 1694; DB 14; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLSVRTQGLGPPILLITMALAGSGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
DB 1 MAAPKGLSVRTQGLGPPILLITMALAGSGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
QY 61 YPKREELVACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
DB 61 YPKREELVACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180  
QY 181 QSKPEIQVAPHLEQEPNTLNRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQEPNTLNRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 462

US-10-017-084A-330  
; Sequence 330. Application US/10017084A  
; Publication No. US20030203402A1

; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavlin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas P.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC66

; CURRENT APPLICATION NUMBER: US/10/017,084A

; CURRENT FILING DATE: 2002-04-30

; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 624

; SEQ ID NO 330

; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-017-084A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLSVRTQGLGPPILLITMALAGSGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
DB 1 MAAPKGLSVRTQGLGPPILLITMALAGSGTASAEAFDSVLGDTASCHRAQCTYPLHT 60  
QY 61 YPKREELVACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
DB 61 YPKREELVACQRCGLFSCQFVDDGIDLNRTKLECSACTEAYSQSDEQYACHLGCONQ 120  
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFLQADGKIYIF 180  
QY 181 QSKPEIQVAPHLEQEPNTLNRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQEPNTLNRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLMCCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHEAGPLPTKVNLAHSEI 323

## RESULT 463

US-10-123-913-272  
; Sequence 272. Application US/10123913  
; Publication No. US20030203462A1

; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.

; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin

; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3330RIC46

; CURRENT APPLICATION NUMBER: US/10/123,913

; CURRENT FILING DATE: 2002-04-16

; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550

; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-123-913-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

1 MAAPKGSIAWRTOLGUPPLILLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
b 1 MAAPKGSIAWRTOLGUPPLILLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
1 YPKEEELIYACORGRIFSIQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120
b 1 YPKEEELIYACORGRIFSIQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120
1 LPFAELROEQLMSLMPKOHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
b 1 LPFAELROEQLMSLMPKOHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
1 QSKPEIOYAPHLEQEPNLRSESSLSKMSYLQMNSSQAHNFLEDSGDFLRLCLSLNSGW 240
b 1 QSKPEIOYAPHLEQEPNLRSESSLSKMSYLQMNSSQAHNFLEDSGDFLRLCLSLNSGW 240
1 ILTTVLVSNVLLWLTCCATVATAVQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
b 1 ILTTVLVSNVLLWLTCCATVATAVQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
301 SKTEDEHEAGPLPTKVNLAHSEI 323
b 301 SKTEDEHEAGPLPTKVNLAHSEI 323

```

## RESULT 464

US-10-017-085A-330  
Sequence 330, Application US/10017085A  
Publication No. US20030204055A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2630P1C73

CURRENT APPLICATION NUMBER: US/10/017,085A

CURRENT FILING DATE: 2002-04-30

Prior Application removed - File Wrapper or Palm

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 330

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

US-10-017-085A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

1 MAAPKGSIAWRTOLGUPPLILLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
b 1 MAAPKGSIAWRTOLGUPPLILLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60
1 YPKEEELIYACORGRIFSIQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120
b 1 YPKEEELIYACORGRIFSIQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120
1 LPFAELROEQLMSLMPKOHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
b 1 LPFAELROEQLMSLMPKOHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180
1 QSKPEIOYAPHLEQEPNLRSESSLSKMSYLQMNSSQAHNFLEDSGDFLRLCLSLNSGW 240
b 1 QSKPEIOYAPHLEQEPNLRSESSLSKMSYLQMNSSQAHNFLEDSGDFLRLCLSLNSGW 240
1 ILTTVLVSNVLLWLTCCATVATAVQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
b 1 ILTTVLVSNVLLWLTCCATVATAVQYVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
301 SKTEDEHEAGPLPTKVNLAHSEI 323
b 301 SKTEDEHEAGPLPTKVNLAHSEI 323

```

## RESULT 465

US-10-013-916A-330

Sequence 330, Application US/10013916A

Publication No. US20030206915A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P2630P1C79

CURRENT APPLICATION NUMBER: US/10/013,916A

CURRENT FILING DATE: 2002-04-30

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 330

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

US-10-013-916A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAACQTYPLHT 60  
DB 1 MAAPKGSILWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAACQTYPLHT 60

QY 61 YPKBEELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBEELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120

QY 121 LPPAELRQEQMLSLMPKMHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQEQMLSLMPKMHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVNVLLWICATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVNVLLWICATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEHDEAGPLPTKVNLAHSEI 323  
DB 301 SKTEHDEAGPLPTKVNLAHSEI 323

## RESULT 466

US-10-140-473-272  
Sequence 272, Application US/10140473  
Publication No. US20030207351A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C156  
CURRENT APPLICATION NUMBER: US/10/140,473  
CURRENT FILING DATE: 2002-05-06  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-473-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAACQTYPLHT 60  
DB 1 MAAPKGSILWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAACQTYPLHT 60

QY 61 YPKBEELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBEELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120

QY 121 LPPAELRQEQMLSLMPKMHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQEQMLSLMPKMHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVNVLLWICATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVNVLLWICATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300

QY 301 SKTEHDEAGPLPTKVNLAHSEI 323  
DB 301 SKTEHDEAGPLPTKVNLAHSEI 323

RESULT 467  
US-10-140-806-272  
Sequence 272, Application US/10140806  
Publication No. US20030207352A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Goddard, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C181  
CURRENT APPLICATION NUMBER: US/10/140,806  
CURRENT FILING DATE: 2002-05-07  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-806-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSILWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAACQTYPLHT 60  
DB 1 MAAPKGSILWVTRTQGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAACQTYPLHT 60

QY 61 YPKBEELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBEELYACQRCGLRFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120

QY 121 LPPAELRQEQMLSLMPKMHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPPAELRQEQMLSLMPKMHLLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIOYAPHLEQPTNLRESSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

```
241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
301 SKTDEHERAGPLPTKVNLHSEI 323
301 SKTDEHERAGPLPTKVNLHSEI 323

RESULT 468
3-10-140-810-272
Sequence 272, Application US/10140810
Publication No. US20030207353A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Sherwood, Steven
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C185
CURRENT APPLICATION NUMBER: US/10/140,810
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
3-10-140-810-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
1 MAAPKGSLSWVRLTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
61 YPKBELYACQRCGLFSCQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQNG 120
61 YPKBELYACQRCGLFSCQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQNG 120
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADGKIVIF 180
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADGKIVIF 180
181 QSKPEIQVAPHLEQEPPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQVAPHLEQEPPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADGKIVIF 180
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADGKIVIF 180
181 QSKPEIQVAPHLEQEPPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQVAPHLEQEPPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
301 SKTDEHERAGPLPTKVNLHSEI 323
301 SKTDEHERAGPLPTKVNLHSEI 323
```

```
RESULT 469
US-10-140-863-272
Sequence 272, Application US/10140863
Publication No. US20030207354A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
APPLICANT: Filvaroff, Ellen
APPLICANT: Gao, Wei-Qiang
APPLICANT: Gerritsen, Mary E.
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Sherwood, Steven
APPLICANT: Stewart, Timothy A.
APPLICANT: Tumas, Daniel
APPLICANT: Watanabe, Colin K
APPLICANT: Wood, William
APPLICANT: Zhang, Zemin
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3330R1C173
CURRENT APPLICATION NUMBER: US/10/140,863
CURRENT FILING DATE: 2002-05-07
Prior Application removed - See File Wrapper or Palm
NUMBER OF SEQ ID NOS: 550
SEQ ID NO 272
LENGTH: 323
TYPE: PRT
ORGANISM: Homo Sapien
US-10-140-863-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
1 MAAPKGSLSWVRLTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
61 YPKBELYACQRCGLFSCQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQNG 120
61 YPKBELYACQRCGLFSCQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQNG 120
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADGKIVIF 180
121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFFYLQADGKIVIF 180
181 QSKPEIQVAPHLEQEPPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
181 QSKPEIQVAPHLEQEPPTNLRSSLSKMSYLOMRNSQAHNRFLEDGESDGFRLCLSLNSGW 240
241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFPMNEQKLNRYPASSLVVVR 300
301 SKTDEHERAGPLPTKVNLHSEI 323
301 SKTDEHERAGPLPTKVNLHSEI 323

RESULT 470
US-10-141-699-272
Sequence 272, Application US/10141699
Publication No. US20030207356A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Beresini, Maureen
APPLICANT: DeForge, Laura
APPLICANT: Desnoyers, Luc
```

APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C204  
CURRENT APPLICATION NUMBER: US/10/141,699  
CURRENT FILING DATE: 2002-05-08  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-141-699-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Y 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
D 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
Y 61 YPKEEELVACORGCRLESICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHGQCNQ 120  
D 61 YPKEEELVACORGCRLESICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHGQCNQ 120  
Y 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
D 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQVAPHEQPTNLRSSLSKMSYLQMRNSQAHNFLESDGDFLRCLSLNSGW 240  
D 181 QSKPEIQVAPHEQPTNLRSSLSKMSYLQMRNSQAHNFLESDGDFLRCLSLNSGW 240  
Y 241 ILTTTLVSVMLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300  
D 241 ILTTTLVSVMLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300  
Y 301 SKTEDEHAGPLPTKVNLAHSEI 323  
D 301 SKTEDEHAGPLPTKVNLAHSEI 323

RESULT 471  
US-10-141-703-272  
Sequence 272, Application US/10141703  
Publication No. US20030207357A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C203  
CURRENT APPLICATION NUMBER: US/10/141,706  
CURRENT FILING DATE: 2002-05-08

APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C210  
CURRENT APPLICATION NUMBER: US/10/141,703  
CURRENT FILING DATE: 2002-05-08  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-141-703-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Y 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
D 1 MAAPKGSILWVTRTQGLPPLLLTALAGSGGTASAFDSVLGDTASCHRAQOLTYPLHT 60  
Y 61 YPKEEELVACORGCRLESICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHGQCNQ 120  
D 61 YPKEEELVACORGCRLESICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHGQCNQ 120  
Y 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
D 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQVAPHEQPTNLRSSLSKMSYLQMRNSQAHNFLESDGDFLRCLSLNSGW 240  
D 181 QSKPEIQVAPHEQPTNLRSSLSKMSYLQMRNSQAHNFLESDGDFLRCLSLNSGW 240  
Y 241 ILTTTLVSVMLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300  
D 241 ILTTTLVSVMLWICCATVATAVEQVPSSEKLSIYGDLEFMNEQKLNRYPASSLWVR 300  
Y 301 SKTEDEHAGPLPTKVNLAHSEI 323  
D 301 SKTEDEHAGPLPTKVNLAHSEI 323

RESULT 472  
US-10-141-706-272  
Sequence 272, Application US/10141706  
Publication No. US20030207358A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C203  
CURRENT APPLICATION NUMBER: US/10/141,706  
CURRENT FILING DATE: 2002-05-08

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-141-706-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKBEELYACQRCGLFSCQFVDDGIDILNRTKLCEACTEAYSQSDQYACHLGCQNO 120

61 YPKBEELYACQRCGLFSCQFVDDGIDILNRTKLCEACTEAYSQSDQYACHLGCQNO 120

121 LPPAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSAQSPFITSSWTFYLOADDGKIVIF 180

121 LPPAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSAQSPFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

301 SKTDEHERAGPLPTKVNLAHSEI 323

301 SKTDEHERAGPLPTKVNLAHSEI 323

RESULT 473

S-10-141-757-272

Sequence 272, Application US/10141757

Publication No. US20030207360A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330RIC195

CURRENT APPLICATION NUMBER: US/10/141,757

CURRENT FILING DATE: 2002-05-08

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-141-757-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKBEELYACQRCGLFSCQFVDDGIDILNRTKLCEACTEAYSQSDQYACHLGCQNO 120

61 YPKBEELYACQRCGLFSCQFVDDGIDILNRTKLCEACTEAYSQSDQYACHLGCQNO 120

121 LPPAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSAQSPFITSSWTFYLOADDGKIVIF 180

121 LPPAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSAQSPFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

301 SKTDEHERAGPLPTKVNLAHSEI 323

301 SKTDEHERAGPLPTKVNLAHSEI 323

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKBEELYACQRCGLFSCQFVDDGIDILNRTKLCEACTEAYSQSDQYACHLGCQNO 120

61 YPKBEELYACQRCGLFSCQFVDDGIDILNRTKLCEACTEAYSQSDQYACHLGCQNO 120

121 LPPAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSAQSPFITSSWTFYLOADDGKIVIF 180

121 LPPAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSAQSPFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

301 SKTDEHERAGPLPTKVNLAHSEI 323

301 SKTDEHERAGPLPTKVNLAHSEI 323

RESULT 474

US-10-141-762-272

Sequence 272, Application US/10141762

Publication No. US20030207362A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330RIC191

CURRENT APPLICATION NUMBER: US/10/141,762

CURRENT FILING DATE: 2002-05-08

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-141-762-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGSLSWRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKBEELYACQRCGLFSCQFVDDGIDILNRTKLCEACTEAYSQSDQYACHLGCQNO 120

61 YPKBEELYACQRCGLFSCQFVDDGIDILNRTKLCEACTEAYSQSDQYACHLGCQNO 120

121 LPPAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSAQSPFITSSWTFYLOADDGKIVIF 180

121 LPPAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSAQSPFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

181 QSKPEIQYAPHLEQEPNLRESLSKMSYLOWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLMTCATVATAVEQYVPSKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

301 SKTDEHERAGPLPTKVNLAHSEI 323

301 SKTDEHERAGPLPTKVNLAHSEI 323

Db 61 YKBEELVACQGGCLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQNG 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTVLRSFWSMDWSAQSFITSSWTFYLAQDDGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTVLRSFWSMDWSAQSFITSSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVPSSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVPSSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHBEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHBEAGPLPTKVNLAHSEI 323

RESULT 475  
US-10-142-428-272  
; Sequence 272, Application US/10142428  
; Publication No. US20030207363A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C214  
; CURRENT FILING DATE: 2002-05-09  
; PRIOR APPLICATION NUMBER: US/10/142,428  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059836  
; PRIOR FILING DATE: 1997-09-24  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/062285  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/062814  
; PRIOR FILING DATE: 1997-10-24  
; PRIOR APPLICATION NUMBER: 60/062816  
; PRIOR FILING DATE: 1997-10-24  
; PRIOR APPLICATION NUMBER: 60/063045  
; PRIOR FILING DATE: 1997-10-24  
; PRIOR APPLICATION NUMBER: 60/063082  
; PRIOR FILING DATE: 1997-10-31

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1,4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSUWRTQGLPPLILLITWALAGSGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKGSUWRTQGLPPLILLITWALAGSGTASABAFDSVLGDTASCHRAQOLTYPLHT 60  
QY 61 YKBEELVACQGGCLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQNG 120  
Db 61 YKBEELVACQGGCLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQVACHLGCQNG 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTVLRSFWSMDWSAQSFITSSWTFYLAQDDGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTVLRSFWSMDWSAQSFITSSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVPSSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVPSSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHBEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHBEAGPLPTKVNLAHSEI 323

RESULT 476  
US-10-142-429-272  
; Sequence 272, Application US/10142429  
; Publication No. US20030207364A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C238  
; CURRENT FILING DATE: 2002-05-10  
; PRIOR APPLICATION NUMBER: US/10/142,429  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/049911  
; PRIOR FILING DATE: 1997-06-18  
; PRIOR APPLICATION NUMBER: 60/056974  
; PRIOR FILING DATE: 1997-08-26  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059115  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059117  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059122  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059184  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/059263  
; PRIOR FILING DATE: 1997-09-18  
; PRIOR APPLICATION NUMBER: 60/059352  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059588  
; PRIOR FILING DATE: 1997-09-19  
; PRIOR APPLICATION NUMBER: 60/059836  
; PRIOR FILING DATE: 1997-09-24  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/062285  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/062814  
; PRIOR FILING DATE: 1997-10-24  
; PRIOR APPLICATION NUMBER: 60/062816  
; PRIOR FILING DATE: 1997-10-24  
; PRIOR APPLICATION NUMBER: 60/063045  
; PRIOR FILING DATE: 1997-10-24  
; PRIOR APPLICATION NUMBER: 60/063082  
; PRIOR FILING DATE: 1997-10-31

PRIOR APPLICATION NUMBER: 60/063127  
PRIOR FILING DATE: 1997-10-24  
PRIOR APPLICATION NUMBER: 60/063327  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063329  
PRIOR FILING DATE: 1997-10-27  
PRIOR APPLICATION NUMBER: 60/063550  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063561  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/063704  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063733  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063735  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063738  
PRIOR FILING DATE: 1997-10-29  
PRIOR APPLICATION NUMBER: 60/063755  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064248  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/064809  
PRIOR FILING DATE: 1997-11-07  
PRIOR APPLICATION NUMBER: 60/065186  
PRIOR FILING DATE: 1997-11-12  
PRIOR APPLICATION NUMBER: 60/065846  
PRIOR FILING DATE: 1997-11-17  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/066453  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066511  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/066770  
PRIOR FILING DATE: 1997-11-24  
PRIOR APPLICATION NUMBER: 60/069212  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069278  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069334  
PRIOR FILING DATE: 1997-12-11  
PRIOR APPLICATION NUMBER: 60/069694  
PRIOR FILING DATE: 1997-12-16  
PRIOR APPLICATION NUMBER: 60/072320  
PRIOR FILING DATE: 1998-01-23  
PRIOR APPLICATION NUMBER: 60/073612  
PRIOR FILING DATE: 1998-02-04  
PRIOR APPLICATION NUMBER: 60/074086  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/074092  
PRIOR FILING DATE: 1998-02-09  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079653  
PRIOR FILING DATE: 1998-02-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081695  
PRIOR FILING DATE: 1998-04-14  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081818

PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082999  
PRIOR FILING DATE: 1998-04-24  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/085149  
PRIOR FILING DATE: 1998-05-12  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086414  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/086430  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/087106  
PRIOR FILING DATE: 1998-05-28  
PRIOR APPLICATION NUMBER: 60/088026  
PRIOR FILING DATE: 1998-06-04  
PRIOR APPLICATION NUMBER: 60/088730  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088741  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088810  
PRIOR FILING DATE: 1998-06-10  
PRIOR APPLICATION NUMBER: 60/088858  
PRIOR FILING DATE: 19/98-06-11  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089599  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089907  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/089947  
PRIOR FILING DATE: 1998-06-19  
PRIOR APPLICATION NUMBER: 60/090349  
PRIOR FILING DATE: 1998-06-23  
PRIOR APPLICATION NUMBER: 60/090429  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090445  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090538  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090863  
PRIOR FILING DATE: 1998-06-26  
PRIOR APPLICATION NUMBER: 60/091360  
PRIOR FILING DATE: 1998-07-01  
PRIOR APPLICATION NUMBER: 60/091519  
PRIOR FILING DATE: 1998-07-02  
PRIOR APPLICATION NUMBER: 60/091982

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy

1 MAAPKSLWRTOLGLPPLILLTMAAGSGTASAEAFDSVLGDTASCHRACTYPLHT 60



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Db 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGCTASAEAFDSVLGDTASCHRACOLTYPLHT 60
2Y 61 YPKBELVACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
Db 61 YPKBELVACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
2Y 121 LPFABLRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180
Db 121 LPFABLRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180
2Y 181 QSKPEIQVAPHLBOEPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQVAPHLBOEPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
2Y 241 ILTTLVLVSNVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300
Db 241 ILTTLVLVSNVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300
QY 301 SKTDEHBEAGPLPTKVNLAHSEI 323
Db 301 SKTDEHBEAGPLPTKVNLAHSEI 323

RESULT 477
US-10-142-884-272
; Sequence 272, Application US/10142884
; Publication No. US20030207365A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C240
; CURRENT FILING DATE: 2002-05-10
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-142-884-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGCTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGCTASAEAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKBELVACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
Db 61 YPKBELVACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFABLRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180
Db 121 LPFABLRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180
QY 181 QSKPEIQVAPHLBOEPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQVAPHLBOEPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTLVLVSNVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300
Db 241 ILTTLVLVSNVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300
```

```
QY 181 QSKPEIQVAPHLBOEPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQVAPHLBOEPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTLVLVSNVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300
Db 241 ILTTLVLVSNVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300
QY 301 SKTDEHBEAGPLPTKVNLAHSEI 323
Db 301 SKTDEHBEAGPLPTKVNLAHSEI 323

RESULT 478
US-10-143-027-272
; Sequence 272, Application US/10143027
; Publication No. US20030207366A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C225
; CURRENT FILING DATE: 2002-05-09
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-143-027-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGCTASAEAFDSVLGDTASCHRACOLTYPLHT 60
Db 1 MAAPKGSLSWVRLTQGLPPLLLLTALAGSGCTASAEAFDSVLGDTASCHRACOLTYPLHT 60
QY 61 YPKBELVACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
Db 61 YPKBELVACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120
QY 121 LPFABLRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180
Db 121 LPFABLRQQLMSLMPKMHLLFPLTLVRSFWSMDMSAQSPITSSWTFYLOADGKIVIF 180
QY 181 QSKPEIQVAPHLBOEPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
Db 181 QSKPEIQVAPHLBOEPTNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSGW 240
QY 241 ILTTLVLVSNVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300
Db 241 ILTTLVLVSNVLLWICCATVATAVEQVPSSEKLSIYGDLEFNMEOKLNRYPASSLVVVR 300
```

y 301 SKTEDEHAGPLPTKVNLAHSEI 323  
b 301 SKTEDEHAGPLPTKVNLAHSEI 323

## RESULT 479

S-10-143-115-272

Sequence 272, Application US/10143115

Publication No. US20030207367A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330RIC230

CURRENT APPLICATION NUMBER: US/10/143,115

CURRENT FILING DATE: 2002-05-09

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-143-115-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

y 1 MAAPKGLWVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
b 1 MAAPKGLWVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

61 YPKRELYACQRCGLFSTICQVDDGIDLNRTKLCEASACTEAYSQSDQYACHLGCQNG 120  
61 YPKRELYACQRCGLFSTICQVDDGIDLNRTKLCEASACTEAYSQSDQYACHLGCQNG 120

121 LPFAELRQQLMSLAPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQQLMSLAPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLQWRNSQAHRNFLEDGESDGLRCLSLNSGW 240  
181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLQWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

y 301 SKTEDEHAGPLPTKVNLAHSEI 323

b 301 SKTEDEHAGPLPTKVNLAHSEI 323

## RESULT 480

S-10-144-956-272

Sequence 272, Application US/10144956

Publication No. US20030207368A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330RIC256

CURRENT APPLICATION NUMBER: US/10/144,956

CURRENT FILING DATE: 2002-05-13

Prior Application removed - See file Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-144-956-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
Db 1 MAAPKGLWVRLTQLGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

61 YPKRELYACQRCGLFSTICQVDDGIDLNRTKLCEASACTEAYSQSDQYACHLGCQNG 120  
61 YPKRELYACQRCGLFSTICQVDDGIDLNRTKLCEASACTEAYSQSDQYACHLGCQNG 120

121 LPFAELRQQLMSLAPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
121 LPFAELRQQLMSLAPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLQWRNSQAHRNFLEDGESDGLRCLSLNSGW 240  
181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLQWRNSQAHRNFLEDGESDGLRCLSLNSGW 240

241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

Qy 301 SKTEDEHAGPLPTKVNLAHSEI 323

Db 301 SKTEDEHAGPLPTKVNLAHSEI 323

## RESULT 481

US-10-144-958-272

Sequence 272, Application US/10144958

Publication No. US20030207369A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

```
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC254
; CURRENT APPLICATION NUMBER: US/10/144,958
; CURRENT FILING DATE: 2002-05-13
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-144-958-272

Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

2y 1 MAAPKGSILWVRTQLGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60
Qy 61 YPKREELVACQRCGLFISICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQNQ 120
Db 61 YPKREELVACQRCGLFISICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQNQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
Qy 181 QSKPRIQVAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPRIQVAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEERAGPLPTKVNLHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLHSEI 323

RESULT 482
US-10-145-632-272
; Sequence 272, Application US/10145632
; Publication No. US20030207370A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC306
; CURRENT APPLICATION NUMBER: US/10/145,749
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
```

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; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC279
; CURRENT APPLICATION NUMBER: US/10/145,632
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-145-632-272

Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSILWVRTQLGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSILWVRTQLGLPPLLLLTALAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60
Qy 61 YPKREELVACQRCGLFISICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQNQ 120
Db 61 YPKREELVACQRCGLFISICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQNQ 120
Qy 121 LPFAELRQELMSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
Db 121 LPFAELRQELMSLMPKMHLLPPLTVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIP 180
Qy 181 QSKPRIQVAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Db 181 QSKPRIQVAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDGSDGFLRCLSLNSGW 240
Qy 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 ILTTTLVLSVMVLLMCCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Qy 301 SKTEDHEERAGPLPTKVNLHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLHSEI 323

RESULT 483
US-10-145-749-272
; Sequence 272, Application US/10145749
; Publication No. US20030207371A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC306
; CURRENT APPLICATION NUMBER: US/10/145,749
; CURRENT FILING DATE: 2002-05-14
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
```

TYPE: PRT  
ORGANISM: Homo Sapien  
3-10-145-753-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Y 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
b 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
Y 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSQSFITSSWTFFYLQADDGKIVIF 180  
Y 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSQSFITSSWTFFYLQADDGKIVIF 180  
b 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSQSFITSSWTFFYLQADDGKIVIF 180  
Y 181 QSKPEIQAYAPHLQEPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQAYAPHLQEPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Y 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
b 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Y 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
b 301 SKTEDEHERAGPLPTKVNLAHSEI 323

## RESULT 484

3-10-145-753-272  
Sequence 272, Application US/10145753  
Publication No. US20030207372A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C299

CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

3-10-145-753-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Qy 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
Db 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
Qy 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSQSFITSSWTFFYLQADDGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSQSFITSSWTFFYLQADDGKIVIF 180  
Qy 181 QSKPEIQAYAPHLQEPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQAYAPHLQEPTNLRSSLSKMSYLOMNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWTCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHERAGPLPTKVNLAHSEI 323

## RESULT 485

US-10-145-871-272  
Sequence 272, Application US/10145871  
Publication No. US20030207373A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: Deforge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C289

CURRENT FILING DATE: 2002-05-14  
Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-145-871-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSLSWRTQGLPPLLLLTALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Qy 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
Db 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLCESACTEAYSQSDQYACHLGCQNO 120  
Qy 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMDSQSFITSSWTFFYLQADDGKIVIF 180

Db 121 LPFABLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADGGKIVIF 180  
QY 181 QSKPEIQIAPHLEQPTNLRESSLSKMSYLOWRNSQAHNFLEDESGDGFRLCLSLNSGW 240  
Db 181 QSKPEIQIAPHLEQPTNLRESSLSKMSYLOWRNSQAHNFLEDESGDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 486  
US-10-145-878-272  
; Sequence 272, Application US/10145878  
; Publication No. US200302073741  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Zhang, Zemin  
; APPLICANT: Wood, William  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C263  
; CURRENT APPLICATION NUMBER: US/10/145,878  
; CURRENT FILING DATE: 2002-05-14  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-145-878-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
Db 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPFABLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADGGKIVIF 180  
Db 121 LPFABLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADGGKIVIF 180  
QY 181 QSKPEIQIAPHLEQPTNLRESSLSKMSYLOWRNSQAHNFLEDESGDGFRLCLSLNSGW 240  
Db 181 QSKPEIQIAPHLEQPTNLRESSLSKMSYLOWRNSQAHNFLEDESGDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 488  
US-10-147-489-272  
; Sequence 272, Application US/10147489

QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 487  
US-10-146-794-272  
; Sequence 272, Application US/10146794  
; Publication No. US20030207375A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C307  
; CURRENT APPLICATION NUMBER: US/10/146,794  
; CURRENT FILING DATE: 2002-05-15  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-146-794-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGS LWRTQLGLPPLLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
Db 61 YPKBEELYACQRCGLFSICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPFABLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADGGKIVIF 180  
Db 121 LPFABLRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLQADGGKIVIF 180  
QY 181 QSKPEIQIAPHLEQPTNLRESSLSKMSYLOWRNSQAHNFLEDESGDGFRLCLSLNSGW 240  
Db 181 QSKPEIQIAPHLEQPTNLRESSLSKMSYLOWRNSQAHNFLEDESGDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 488  
US-10-147-489-272  
; Sequence 272, Application US/10147489

Publication No. US20030207376A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Goddard, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tamas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C376

CURRENT APPLICATION NUMBER: US/10/147,489

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-147-489-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y	1	MAAPKGSLSWRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
b	1	MAAPKGSLSWRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
Y	61	YPKEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNO	120
b	61	YPKEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNO	120
Y	121	LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
b	121	LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
Y	181	QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOKRNQAHNFLEDGSDGFLRCLSLNSGW	240
b	181	QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOKRNQAHNFLEDGSDGFLRCLSLNSGW	240
Y	241	ILTTTLVLSVMVLLTCCATVATVAVQYVPSEKLSIYGDLEFPNQEOKLNRYPASSLVVVR	300
b	241	ILTTTLVLSVMVLLTCCATVATVAVQYVPSEKLSIYGDLEFPNQEOKLNRYPASSLVVVR	300
Y	301	SKTEDHEEAGPLTKYNLAHSEI	323
b	301	SKTEDHEEAGPLTKYNLAHSEI	323

RESULT 489

US-10-147-507-272

Sequence 272, Application US/10147507

Publication No. US20030207377A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tamas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William  
 APPLICANT: Zhang, Zemin  
 TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 FILE REFERENCE: P3330R1C363  
 CURRENT APPLICATION NUMBER: US/10/147,507  
 CURRENT FILING DATE: 2002-05-17  
 Prior Application removed - See File Wrapper or Palm  
 NUMBER OF SEQ ID NOS: 550  
 SEQ ID NO 272  
 LENGTH: 323  
 TYPE: PRT  
 ORGANISM: Homo Sapien  
 US-10-147-507-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
 Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
 Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY	1	MAAPKGSLSWRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
Db	1	MAAPKGSLSWRTQGLPPLILLTALAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT	60
QY	61	YPKEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNO	120
Db	61	YPKEELIYACQRCRLFSICQFVDDGIDLNRTKLECESACTEAYSQSDQYACHLGCQNO	120
QY	121	LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
Db	121	LPFAELRQEQSLMSPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF	180
QY	181	QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOKRNQAHNFLEDGSDGFLRCLSLNSGW	240
Db	181	QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOKRNQAHNFLEDGSDGFLRCLSLNSGW	240
QY	241	ILTTTLVLSVMVLLTCCATVATVAVQYVPSEKLSIYGDLEFPNQEOKLNRYPASSLVVVR	300
Db	241	ILTTTLVLSVMVLLTCCATVATVAVQYVPSEKLSIYGDLEFPNQEOKLNRYPASSLVVVR	300
QY	301	SKTEDHEEAGPLTKYNLAHSEI	323
Db	301	SKTEDHEEAGPLTKYNLAHSEI	323

RESULT 490

US-10-147-535-272

Sequence 272, Application US/10147535

Publication No. US20030207378A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
 APPLICANT: Beresini, Maureen  
 APPLICANT: DeForge, Laura  
 APPLICANT: Desnoyers, Luc  
 APPLICANT: Filvaroff, Ellen  
 APPLICANT: Gao, Wei-Qiang  
 APPLICANT: Gerritsen, Mary E.  
 APPLICANT: Goddard, Audrey  
 APPLICANT: Godowski, Paul J.  
 APPLICANT: Gurney, Austin L.  
 APPLICANT: Sherwood, Steven  
 APPLICANT: Smith, Victoria  
 APPLICANT: Stewart, Timothy A.  
 APPLICANT: Tamas, Daniel  
 APPLICANT: Watanabe, Colin K  
 APPLICANT: Wood, William

```

; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C352
; CURRENT APPLICATION NUMBER: US/10/147,535
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-535-272

Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIAWVRITQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
   |||||
Db 1 MAAPKGSIAWVRITQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
   |||||

QY 61 YPKBELYACQGGCLFSGICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120
   |||||
Db 61 YPKBELYACQGGCLFSGICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120
   |||||

QY 121 LPFASLRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKI 180
   |||||
Db 121 LPFASLRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKI 180
   |||||

QY 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDSGDGFLRCLSLNS 240
   |||||
Db 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDSGDGFLRCLSLNS 240
   |||||

QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLV 300
   |||||
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLV 300
   |||||

QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
   |||||
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
   |||||

RESULT 491
US-10-147-537-272
; Sequence 272, Application US/10147537
; Publication No. US20030207379A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C361
; CURRENT APPLICATION NUMBER: US/10/147,537
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-537-272

Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIAWVRITQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
   |||||
Db 1 MAAPKGSIAWVRITQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
   |||||

QY 61 YPKBELYACQGGCLFSGICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120
   |||||
Db 61 YPKBELYACQGGCLFSGICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120
   |||||

QY 121 LPFASLRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKI 180
   |||||
Db 121 LPFASLRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKI 180
   |||||

QY 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDSGDGFLRCLSLNS 240
   |||||
Db 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDSGDGFLRCLSLNS 240
   |||||

QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLV 300
   |||||
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLV 300
   |||||

QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
   |||||
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
   |||||

RESULT 491
US-10-147-537-272
; Sequence 272, Application US/10147537
; Publication No. US20030207379A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C361
; CURRENT APPLICATION NUMBER: US/10/147,537
; CURRENT FILING DATE: 2002-05-17
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
```

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; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-147-537-272

Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIAWVRITQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
   |||||
Db 1 MAAPKGSIAWVRITQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60
   |||||

QY 61 YPKBELYACQGGCLFSGICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120
   |||||
Db 61 YPKBELYACQGGCLFSGICQFVDDGIDLNRTKLECSACTEAYSQSDQVACHLGCQ 120
   |||||

QY 121 LPFASLRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKI 180
   |||||
Db 121 LPFASLRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKI 180
   |||||

QY 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDSGDGFLRCLSLNS 240
   |||||
Db 181 QSKPEIQVAPHLEQEPNTLRSSLSKMSYLOMRNSQAHNFLEDSGDGFLRCLSLNS 240
   |||||

QY 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLV 300
   |||||
Db 241 ILTTTLVLSVMVLLMICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLV 300
   |||||

QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
   |||||
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
   |||||

RESULT 492
US-10-152-376-272
; Sequence 272, Application US/10152376
; Publication No. US20030207381A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tamas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C401
; CURRENT APPLICATION NUMBER: US/10/152,376
; CURRENT FILING DATE: 2002-05-21
; Prior Application removed - See file Wrapper or Palm
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-152-376-272

Query Match      100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Y 1 MAAPKGSLSWVRLTQGLPPLLLTMAAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
b 1 MAAPKGSLSWVRLTQGLPPLLLTMAAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Y 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNO 120  
b 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNO 120  
Y 121 LPFAELRQEQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
b 121 LPFAELRQEQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOKENSQAHRNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOKENSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Y 241 ILTTTLVLSVMVLLTCCATVAVQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300  
b 241 ILTTTLVLSVMVLLTCCATVAVQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300  
Y 301 SKTEDHEEAGPLTKVNLAHSEI 323  
b 301 SKTEDHEEAGPLTKVNLAHSEI 323

## RESULT 493

S-10-152-381-272  
Sequence 272, Application US/10152381  
Publication No. US20030207382A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C409  
CURRENT APPLICATION NUMBER: US/10/152,381  
CURRENT FILING DATE: 2002-05-21  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien

## S-10-152-381-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRLTQGLPPLLLTMAAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
b 1 MAAPKGSLSWVRLTQGLPPLLLTMAAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Y 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNO 120  
b 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNO 120  
Y 121 LPFAELRQEQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

Db 121 LPFAELRQEQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOKENSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOKENSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLTCCATVAVQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300  
Db 241 ILTTTLVLSVMVLLTCCATVAVQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300  
Qy 301 SKTEDHEEAGPLTKVNLAHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLAHSEI 323

## RESULT 494

US-10-152-400-272  
Sequence 272, Application US/10152400  
Publication No. US20030207383A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C384  
CURRENT APPLICATION NUMBER: US/10/152,400  
CURRENT FILING DATE: 2002-05-20  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-152-400-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172; Mismatches 0; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGSLSWVRLTQGLPPLLLTMAAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSLSWVRLTQGLPPLLLTMAAGSGGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Qy 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNO 120  
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRKLECESACTEAYSQSDQYACHLGCQNO 120  
Qy 121 LPFAELRQEQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQEQQLMSLMPKMLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
Qy 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOKENSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTLRSSLSKMSYLOKENSQAHRNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLTCCATVAVQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLWVVR 300



3b 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
3Y 301 SKTEDHEEAGPLTKVNLHSEI 323  
3b 301 SKTEDHEEAGPLTKVNLHSEI 323  
RESULT 495  
US-10-153-585-272  
; Sequence 272, Application US/10153585  
; Publication No. US20030207384A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C416  
; CURRENT APPLICATION NUMBER: US/10/153,585  
; CURRENT FILING DATE: 2002-05-22  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-153-585-272  
Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVTRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSLSWVTRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLTKVNLHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLHSEI 323  
RESULT 496  
US-10-157-780-272  
; Sequence 272, Application US/10157800  
; Publication No. US20030207386A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang

; Sequence 272, Application US/10157780  
; Publication No. US20030207385A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C432  
; CURRENT APPLICATION NUMBER: US/10/157,780  
; CURRENT FILING DATE: 2002-05-29  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-157-780-272  
Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVTRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGSLSWVTRTQLGLPPLLLITMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
Db 61 YPKBELYACQRCGLFSCQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
Db 121 LPFAELRQQLMSLMPKXHLFPPLTVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLOWRNSQAHNFLEDGESDGFRLCLSLNSGW 240  
QY 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLWICCATVATAVEQVVPSEKLSIYGDLFPMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEEAGPLTKVNLHSEI 323  
Db 301 SKTEDHEEAGPLTKVNLHSEI 323  
RESULT 497  
US-10-157-800-272  
; Sequence 272, Application US/10157800  
; Publication No. US20030207386A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C429

CURRENT APPLICATION NUMBER: US/10/157,800

CURRENT FILING DATE: 2000-05-29

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-157-800-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
b 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
Y 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
b 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
Y 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFTSSWTFYLOADDGKIVIF 180  
b 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFTSSWTFYLOADDGKIVIF 180  
Y 181 QSKPEIQYAPHLQEPNLRKSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEPNLRKSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Y 241 ILTTVLVSVMLLWICCATVATVAVQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
b 241 ILTTVLVSVMLLWICCATVATVAVQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Y 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
b 301 SKTEDEHEAGPLPTKVNLAHSEI 323

ESULT 498

S-10-157-801-272

Sequence 272, Application US/10157801

Publication No. US20030207387A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P330R1C427  
CURRENT APPLICATION NUMBER: US/10/157,801  
CURRENT FILING DATE: 2002-05-29  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-157-801-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSLSWVRLTQGLPPLILLTALAGSGGTASABAFDSVLGDTASCHRACOLTYPLHT 60  
QY 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
Db 61 YPKEEELIYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
QY 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFTSSWTFYLOADDGKIVIF 180  
Db 121 LPFAELRQELMSLMPKMLLPFLTLVRSFWSMDMSAQSFTSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLQEPNLRKSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLQEPNLRKSSLSKMSYLOMNSQAHNFLEDGSDGFLRCLSLNSGW 240  
QY 241 ILTTVLVSVMLLWICCATVATVAVQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTVLVSVMLLWICCATVATVAVQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHEAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHEAGPLPTKVNLAHSEI 323

RESULT 499

US-10-157-802-272

Sequence 272, Application US/10157802

Publication No. US20030207388A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
TITLE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P330R1C440

CURRENT APPLICATION NUMBER: US/10/157,802

CURRENT FILING DATE: 2002-05-29

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-157-802-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTOGLPPLILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVRTOGLPPLILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120

QY 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQAPHLEQBPNTLRESSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQAPHLEQBPNTLRESSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

QY 301 SKTDEHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTDEHEEAGPLPTKVNLAHSEI 323

RESULT 500  
US-10-158-784-272  
Sequence 272, Application US/10158784  
Publication No. US20030207389A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C452  
CURRENT APPLICATION NUMBER: US/10/158,784  
CURRENT FILING DATE: 2002-05-30  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-158-784-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTOGLPPLILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVRTOGLPPLILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120

QY 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

QY 181 QSKPEIQAPHLEQBPNTLRESSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240  
DB 181 QSKPEIQAPHLEQBPNTLRESSLSKMSYLQWRNSQAHRNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEOKLNRYPASSLVVVR 300

QY 301 SKTDEHEEAGPLPTKVNLAHSEI 323  
DB 301 SKTDEHEEAGPLPTKVNLAHSEI 323

RESULT 501  
US-10-158-789-272  
Sequence 272, Application US/10158789  
Publication No. US20030207390A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C456  
CURRENT APPLICATION NUMBER: US/10/158,789  
CURRENT FILING DATE: 2002-05-30  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-158-789-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRTOGLPPLILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGSLSWVRTOGLPPLILLITMALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKBELYACQRCGLFSLICQFVDDGIDLNRKLECSACTEAYSQSDQYACHLGCQNG 120

QY 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSPITSSWTFYLOADDGKIVIF 180

121 LPPAEIRQBLMSLMPKMLLPFLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180  
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
301 SKTEDEERAGPLPTKVNLAHSEI 323  
301 SKTEDEERAGPLPTKVNLAHSEI 323

## RESULT 502

S-10-192-011-272  
Sequence 272, Application US/10192011  
Publication No. US20030207395A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P33301C282  
CURRENT APPLICATION NUMBER: US/10/192,011  
CURRENT FILING DATE: 2002-07-09  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-27  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
PRIOR FILING DATE: 1997-09-19  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien

S-10-192-011-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. NO. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGLWVRITQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGLWVRITQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Qy 61 YPKBEELYACQRCGRFLFSICQFVDDGIDLNRNKLCEESACTEAYSQSDQYACHLGCCNQ 120  
Db 61 YPKBEELYACQRCGRFLFSICQFVDDGIDLNRNKLCEESACTEAYSQSDQYACHLGCCNQ 120  
Qy 121 LPPAEIRQBLMSLMPKMLLPFLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180  
Db 121 LPPAEIRQBLMSLMPKMLLPFLTLVRSFWSMDMDSAQSFITSSWTFYLAQDDGKIVIF 180  
Qy 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQPTNLRSSLSKMSYLQWRNSQAHNFLEDSGDFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNQKLNRYPASSLVVVR 300  
Qy 301 SKTEDEERAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEERAGPLPTKVNLAHSEI 323

## RESULT 503

US-10-139-963-272  
Sequence 272, Application US/10139963  
Publication No. US20030207414A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P33301C165  
CURRENT APPLICATION NUMBER: US/10/139,963  
CURRENT FILING DATE: 2002-05-06  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-139-963-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWVRITQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Db 1 MAAPKGLWVRITQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Qy 61 YPKBEELYACQRCGRFLFSICQFVDDGIDLNRNKLCEESACTEAYSQSDQYACHLGCCNQ 120  
Db 61 YPKBEELYACQRCGRFLFSICQFVDDGIDLNRNKLCEESACTEAYSQSDQYACHLGCCNQ 120

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QY 121 LPFAELROQLMSLMPKMHLLFPLTLVRSFMSDMDSAQSFTSSWTFYLQADGKIVIF 180
DB 121 LPFAELROQLMSLMPKMHLLFPLTLVRSFMSDMDSAQSFTSSWTFYLQADGKIVIF 180
QY 181 QSKPIQIAPHLEQBPPTNLRESSLSKMSYLQWRNSQAHNFLEDCSGDFLRCLSNSGW 240
DB 181 QSKPIQIAPHLEQBPPTNLRESSLSKMSYLQWRNSQAHNFLEDCSGDFLRCLSNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNFNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNFNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 504
US-10-140-020-272
; Sequence 272, Application US/10140020
; Publication No. US20030207415A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC157
; CURRENT APPLICATION NUMBER: US/10/140,020
; PRIOR FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-020-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRVTLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSWVRVTLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKBEELYACQRCGLFSLICQVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNG 120
DB 61 YPKBEELYACQRCGLFSLICQVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNG 120
QY 121 LPFAELROQLMSLMPKMHLLFPLTLVRSFMSDMDSAQSFTSSWTFYLQADGKIVIF 180
DB 121 LPFAELROQLMSLMPKMHLLFPLTLVRSFMSDMDSAQSFTSSWTFYLQADGKIVIF 180
QY 181 QSKPIQIAPHLEQBPPTNLRESSLSKMSYLQWRNSQAHNFLEDCSGDFLRCLSNSGW 240
DB 181 QSKPIQIAPHLEQBPPTNLRESSLSKMSYLQWRNSQAHNFLEDCSGDFLRCLSNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNFNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNFNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323
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QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNFNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNFNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 505
US-10-140-023-272
; Sequence 272, Application US/10140023
; Publication No. US20030207416A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330RIC164
; CURRENT APPLICATION NUMBER: US/10/140,023
; PRIOR FILING DATE: 2002-05-06
; Prior Application removed - See Palm or File Wrapper
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 272
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-140-023-272

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSWVRVTLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
DB 1 MAAPKGSWVRVTLGLPPLLLLTWALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60
QY 61 YPKBEELYACQRCGLFSLICQVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNG 120
DB 61 YPKBEELYACQRCGLFSLICQVDDGIDLNRKLECSACTEAYSQSDQVACHLGCQNG 120
QY 121 LPFAELROQLMSLMPKMHLLFPLTLVRSFMSDMDSAQSFTSSWTFYLQADGKIVIF 180
DB 121 LPFAELROQLMSLMPKMHLLFPLTLVRSFMSDMDSAQSFTSSWTFYLQADGKIVIF 180
QY 181 QSKPIQIAPHLEQBPPTNLRESSLSKMSYLQWRNSQAHNFLEDCSGDFLRCLSNSGW 240
DB 181 QSKPIQIAPHLEQBPPTNLRESSLSKMSYLQWRNSQAHNFLEDCSGDFLRCLSNSGW 240
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNFNEQKLNRYPASSLVVVR 300
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQVVPSEKLSIYGDLEFNFNEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
DB 301 SKTEDHEERAGPLPTKVNLAHSEI 323
```

RESULT 506

3-10-140-809-272  
Sequence 272, Application US/10140809  
Publication No. US20030207418A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C172

CURRENT APPLICATION NUMBER: US/10/140,809

CURRENT FILING DATE: 2002-05-07

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

3-10-140-809-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWVRVLTQLGLPPLLLTALAGSGGTASAEFDSVLGDTASCHRAQCLTYPLHT 60

1 MAAPKGLWVRVLTQLGLPPLLLTALAGSGGTASAEFDSVLGDTASCHRAQCLTYPLHT 60

61 YPKREELYACQRCGLFSTICQFVDDGIDLNRTKLCESEACTEAYSQSDQYACHLGCQ 120

61 YPKREELYACQRCGLFSTICQFVDDGIDLNRTKLCESEACTEAYSQSDQYACHLGCQ 120

121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWMDSQSFITSSWTFFYLQADGKIVIF 180

121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWMDSQSFITSSWTFFYLQADGKIVIF 180

181 QSKPEIQYAPHLEQPTNLRESLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHLEQPTNLRESLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240

241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323

301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 507

3-10-140-865-272  
Sequence 272, Application US/10140865  
Publication No. US20030207420A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE OF INVENTION: ACIDS ENCODING THE SAME

FILE REFERENCE: P3330R1C190

CURRENT APPLICATION NUMBER: US/10/140,865

CURRENT FILING DATE: 2002-05-07

Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-140-865-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGLWVRVLTQLGLPPLLLTALAGSGGTASAEFDSVLGDTASCHRAQCLTYPLHT 60

1 MAAPKGLWVRVLTQLGLPPLLLTALAGSGGTASAEFDSVLGDTASCHRAQCLTYPLHT 60

61 YPKREELYACQRCGLFSTICQFVDDGIDLNRTKLCESEACTEAYSQSDQYACHLGCQ 120

61 YPKREELYACQRCGLFSTICQFVDDGIDLNRTKLCESEACTEAYSQSDQYACHLGCQ 120

121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWMDSQSFITSSWTFFYLQADGKIVIF 180

121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWMDSQSFITSSWTFFYLQADGKIVIF 180

181 QSKPEIQYAPHLEQPTNLRESLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240

181 QSKPEIQYAPHLEQPTNLRESLSKMSYLOWRNSQAHNFLEDGSDGFLRCLSLNSGW 240

241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

241 ILTTTLVLSVMVLLMTCCATVATAVEQYVPSEKLSIYGDLEPMNEQKLNRYPASSLVVVR 300

301 SKTEDHEEAGPLPTKVNLAHSEI 323

301 SKTEDHEEAGPLPTKVNLAHSEI 323

RESULT 508

US-10-141-701-272  
Sequence 272, Application US/10141701  
Publication No. US20030207421A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas,Daniel  
APPLICANT: Watanabe,Colin K  
APPLICANT: Wood,William  
APPLICANT: Zhang,Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C207  
CURRENT APPLICATION NUMBER: US/10/141,701  
Prior Application removed - See Palm or File Wrapper  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-141-701-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTWALAGSGTASARAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQGLPPLLLLTWALAGSGTASARAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELVACQCGCLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNO 120  
DB 61 YPKEELVACQCGCLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPFAELRQEQMLSLMPKXHLFPPLTLVRSFMSDMWDSAQSPITSSWTFYLAQDDGKIVIF 180  
DB 121 LPFAELRQEQMLSLMPKXHLFPPLTLVRSFMSDMWDSAQSPITSSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHREAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHREAGPLPTKVNLAHSEI 323

RESULT 509  
US-10-141-754-272  
Sequence 272, Application US/10141754  
Publication No. US20030207422A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowsky, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C196  
CURRENT APPLICATION NUMBER: US/10/141,754  
CURRENT FILING DATE: 2002-05-08

Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-141-754-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWVRLTQGLPPLLLLTWALAGSGTASARAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTQGLPPLLLLTWALAGSGTASARAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEELVACQCGCLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNO 120  
DB 61 YPKEELVACQCGCLFSLICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPFAELRQEQMLSLMPKXHLFPPLTLVRSFMSDMWDSAQSPITSSWTFYLAQDDGKIVIF 180  
DB 121 LPFAELRQEQMLSLMPKXHLFPPLTLVRSFMSDMWDSAQSPITSSWTFYLAQDDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLOMNSQAHNFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVNVLLWICCATVATAVEQYVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300  
QY 301 SKTEDEHREAGPLPTKVNLAHSEI 323  
DB 301 SKTEDEHREAGPLPTKVNLAHSEI 323

RESULT 510  
US-10-141-760-272  
Sequence 272, Application US/10141760  
Publication No. US20030207423A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowsky, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C199  
CURRENT APPLICATION NUMBER: US/10/141,760  
CURRENT FILING DATE: 2002-05-08  
Prior Application removed - see file Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-141-760-272





241 ILTTVLVSVVLLWVICCATVATAVEQVVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
241 ILTTVLVSVVLLWVICCATVATAVEQVVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
301 SKTDEHHEAGPLPTKVNLAHSEI 323  
301 SKTDEHHEAGPLPTKVNLAHSEI 323

## RESULT 513

US-10-143-113-272  
; Sequence 272, Application US/10143113  
; Publication No. US20030207426A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Goddard, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C217  
; CURRENT APPLICATION NUMBER: US/10/143,113  
; Prior Application removed - See Palm or File wrapper  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-143-113-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVRLTGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKKEELYACORGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKKEELYACORGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTVLVSVVLLWVICCATVATAVEQVVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTVLVSVVLLWVICCATVATAVEQVVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
QY 301 SKTDEHHEAGPLPTKVNLAHSEI 323  
DB 301 SKTDEHHEAGPLPTKVNLAHSEI 323

## RESULT 515

US-10-146-730-272  
; Sequence 272, Application US/10146730  
; Publication No. US20030207427A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura

RESULT 514  
US-10-146-730-272  
; Sequence 272, Application US/10146730  
; Publication No. US20030207427A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Beresini, Maureen  
; APPLICANT: DeForge, Laura  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Goddard, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Sherwood, Steven  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Watanabe, Colin K  
; APPLICANT: Wood, William  
; APPLICANT: Zhang, Zemin  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3330R1C319  
; CURRENT APPLICATION NUMBER: US/10/146,730  
; CURRENT FILING DATE: 2002-05-15  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 550  
; SEQ ID NO 272  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-146-730-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAAPKGSLSWVRLTGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSLSWVRLTGLPPLLLLTWALAGSGGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKKEELYACORGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNG 120  
DB 61 YPKKEELYACORGCRLFSICQFVDDGIDLNTKLECSACTEAYSQSDQYACHLGCQNG 120  
QY 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQELMSLMPKXHLFPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNRFLEDGESDGLRCLSLNSGW 240  
QY 241 ILTTVLVSVVLLWVICCATVATAVEQVVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
DB 241 ILTTVLVSVVLLWVICCATVATAVEQVVPSEKLSIYGDLEFNMNEOKLNRYPASSLVVVR 300  
QY 301 SKTDEHHEAGPLPTKVNLAHSEI 323  
DB 301 SKTDEHHEAGPLPTKVNLAHSEI 323

APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC311

CURRENT APPLICATION NUMBER: US/10/146,792

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

S-10-146-792-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLWVRTOGLPPLPILLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
D 1 MAAPKGLWVRTOGLPPLPILLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Y 61 YPKREELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
D 61 YPKREELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
Y 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSQSFITSSWTFFYLQDDGKIVIP 180  
D 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSQSFITSSWTFFYLQDDGKIVIP 180  
Y 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
D 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Y 241 ILTTTLVLSVWLLWTCATVATAVEQYVPESEKLSYGLDFPMNEQKLNRYPASSLVVVR 300  
D 241 ILTTTLVLSVWLLWTCATVATAVEQYVPESEKLSYGLDFPMNEQKLNRYPASSLVVVR 300  
Y 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
D 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 516

S-10-158-791-272

Sequence 272, Application US/10158791

Publication No. US20030207429A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330RIC450  
CURRENT APPLICATION NUMBER: US/10/158,791  
CURRENT FILING DATE: 2002-05-30  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-158-791-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAAPKGLWVRTOGLPPLPILLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGLWVRTOGLPPLPILLLTALAGSGTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Qy 61 YPKREELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
Db 61 YPKREELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCCNQ 120  
Qy 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSQSFITSSWTFFYLQDDGKIVIP 180  
Db 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFNSDMDSQSFITSSWTFFYLQDDGKIVIP 180  
Qy 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQEPNTNRESLSKMSYLQWNSQAHNFLEDGSDGFLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVWLLWTCATVATAVEQYVPESEKLSYGLDFPMNEQKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVWLLWTCATVATAVEQYVPESEKLSYGLDFPMNEQKLNRYPASSLVVVR 300  
Qy 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
Db 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 517

US-10-143-026B-330

Sequence 330, Application US/10143026B

Publication No. US20030207803A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker, Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCE: P26301C58

CURRENT APPLICATION NUMBER: US/10/143,026B

CURRENT FILING DATE: 2003-05-09

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 330

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

JS-10-143-026B-330

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIAWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSIAWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YKBEELYACORGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120

Db 61 YKBEELYACORGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300

QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 518

US-10-156-843-272

Sequence 272, Application US/10156843

Publication No. US20030207805A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Auscin L.

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Auscin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C425

CURRENT APPLICATION NUMBER: US/10/156,843

CURRENT FILING DATE: 2002-05-28

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

US-10-156-843-272

Query Match 100.0%; Score 1694; DB 15; Length 323;

Best Local Similarity 100.0%; Pred. No. 1.4e-172;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSIAWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

Db 1 MAAPKGSIAWRTQLGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60

QY 61 YKBEELYACORGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120

Db 61 YKBEELYACORGCLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCONQ 120

QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

Db 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180

QY 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

Db 181 QSKPEIQVAPHLEQPTNLRSSLSKMSYLQMRNSQAHNFLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300

Db 241 ILTTTLVLSVMVLLMICCATVATAVEQVVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300

QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323

Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323

RESULT 519

US-10-157-785-272

Sequence 272, Application US/10157786

Publication No. US20030208055A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: Desnoyers, Luc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Auscin L.

APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C445  
CURRENT APPLICATION NUMBER: US/10/157,786  
CURRENT FILING DATE: 2002-05-29  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
S-10-157-786-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0;  
y 1 MAAPKGSLSVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGSLSVRLTQGLPPLLLTLMALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
y 61 YPBEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQVQ 120  
b 61 YPBEELYACQRCRLFSICQFVDDGIDLNRTKLCESACTEAYSQSDQYACHLGCQVQ 120  
y 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFWSMDWDSAQSFITSSWTFLQADGKIVIF 180  
b 121 LPFAELRQQLMSLMPKMLLPFLTLVRSFWSMDWDSAQSFITSSWTFLQADGKIVIF 180  
y 181 QSKPEIQYAPHLQEBPTNREBSLSQMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQYAPHLQEBPTNREBSLSQMSYLOMRNSQAHNFLEDGSDGFLRCLSLNSGW 240  
y 241 ILTTVLVSWVLLMTCATVATAVEQYVPSEKLSIYGLPEMNEQKLNRPASSLVVVR 300  
b 241 ILTTVLVSWVLLMTCATVATAVEQYVPSEKLSIYGLPEMNEQKLNRPASSLVVVR 300  
y 301 SKTEDHEAGPLPTKYNLAHSEI 323  
b 301 SKTEDHEAGPLPTKYNLAHSEI 323

## RESULT 520

S-10-013-918A-330  
Sequence 330, Application US/10013918A  
Publication No. US20030211091A1

GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Rao, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C77  
CURRENT APPLICATION NUMBER: US/10/013,918A  
CURRENT FILING DATE: 2002-03-25  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080328  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080333

;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080334  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/081070  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081049  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081071  
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;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081203  
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;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
;; PRIOR FILING DATE: 1998-04-15  
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;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081838  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/082568  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082569  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082704  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082700  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
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;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
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;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07

;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697  
;; PRIOR APPLICATION NUMBER: 60/085697  
Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAAPKGSLSWRTQLGIPPLILITMALAGSGCTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Db 1 MAAPKGSLSWRTQLGIPPLILITMALAGSGCTASAEAFDSVLGDTASCHRACOLTYPLHT 60  
Qy 61 YPKBEELYACQRCGLFSICQFVDDGIDILNRTKLCESACTEAYSQSDEQYACHGCOQ 120  
Db 61 YPKBEELYACQRCGLFSICQFVDDGIDILNRTKLCESACTEAYSQSDEQYACHGCOQ 120  
Qy 121 LPFAELRQBLMSLAPKMHLLPPLTLVRSFNSDMDSQSFITSSWTFLQADCKIVIF 180  
Db 121 LPFAELRQBLMSLAPKMHLLPPLTLVRSFNSDMDSQSFITSSWTFLQADCKIVIF 180  
Qy 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240  
Db 181 QSKPEIQYAPHLEQBPNTNLRSSLSKMSYLOWNSQAHNFLEDGESDGLRCLSLNSGW 240  
Qy 241 ILTTTLVLSVMVLLMTCCATVATVEQYVPSKLSIYGDLFPMTEOKLNRYPASSLVVVR 300  
Db 241 ILTTTLVLSVMVLLMTCCATVATVEQYVPSKLSIYGDLFPMTEOKLNRYPASSLVVVR 300  
Qy 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
Db 301 SKTEDEHERAGPLPTKVNLAHSEI 323  
RESULT 521  
US-10-013-928A-330  
; Sequence 330, Application US/10013928A  
; Publication No. US20030215905A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Fong, Sherman  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC86  
CURRENT APPLICATION NUMBER: US/10/013,928A  
CURRENT FILING DATE: 2001-10-25  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
S-10-013-928A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Y 1 MAAPKGLVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
b 1 MAAPKGLVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQLTYPLHT 60  
Y 61 YPKEBELYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDBOYACHLGCQNO 120  
b 61 YPKEBELYACQRCRLFSICQFVDDGIDINRTKLECSACTEAYSQSDBOYACHLGCQNO 120  
Y 121 LPFAELROEQLMSLMPKMLLPPLTVRSFWSMDMSAQSPITSSWTFVLQDDCKIVIP 180  
b 121 LPFAELROEQLMSLMPKMLLPPLTVRSFWSMDMSAQSPITSSWTFVLQDDCKIVIP 180  
Y 181 QSKPEIQVAPHLFQEPNTLRESSLKMSYLQWRNSQAHNPTLEDGSDGFLRCLSLNSGW 240  
b 181 QSKPEIQVAPHLFQEPNTLRESSLKMSYLQWRNSQAHNPTLEDGSDGFLRCLSLNSGW 240

QY 241 ILTTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYEPASSILVVR 300  
Db 241 ILTTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLEFPMNEQKLNRYEPASSILVVR 300  
QY 301 SKTEDHERAGPLPTKYNLAHSEI 323  
Db 301 SKTEDHERAGPLPTKYNLAHSEI 323

RESULT 522

US-10-162-522A-330  
; Sequence 330, Application US/10162522A  
; Publication No. US20030215908A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC56  
; CURRENT APPLICATION NUMBER: US/10/162,522A  
; CURRENT FILING DATE: 2002-10-10  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 330  
; LENGTH: 323  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-162-522A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSUWRTQGLPPLILLTMAAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSUWRTQGLPPLILLTMAAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELVACQRCGLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBELVACQRCGLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLRLCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLTKVNLHSEI 323  
DB 301 SKTEDHEERAGPLTKVNLHSEI 323

## RESULT 523

US-10-013-923A-330  
Sequence 330, Application US/10013923A  
Publication No. US20030216305A1

GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.

APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same

FILE REFERENCE: P2630PIC87  
CURRENT APPLICATION NUMBER: US/10/013,923A

CURRENT FILING DATE: 2001-10-25  
Prior Application removed - See Palm or File Wrapper

NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330

LENGTH: 323  
TYPE: PRT

ORGANISM: Homo sapiens

## US-10-013-923A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSUWRTQGLPPLILLTMAAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGSUWRTQGLPPLILLTMAAGSGTASABAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKBELVACQRCGLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
DB 61 YPKBELVACQRCGLFSICQVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQ 120  
QY 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
DB 121 LPFAELRQBLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180  
QY 181 QSKPEIQVAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLRLCLSLNSGW 240  
DB 181 QSKPEIQVAPHLEQEPNTNLRSSLSKMSYLOWRNSQAHNFLEDSGDFLRLCLSLNSGW 240  
QY 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
DB 241 ILTTTLVLSVMVLLWICCATVATAVEQYVPSEKLSIYGDLEFMNEQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEERAGPLTKVNLHSEI 323  
DB 301 SKTEDHEERAGPLTKVNLHSEI 323

## RESULT 524

## US-10-013-925A-330

Sequence 330, Application US/10013925A  
Publication No. US20030216560A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same

FILE REFERENCE: P2630PIC83  
CURRENT APPLICATION NUMBER: US/10/013,925A

CURRENT FILING DATE: 2002-05-03  
Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330

LENGTH: 323  
TYPE: PRT

APPLICANT: WOOD, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
Acids Encoding the Same  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C88  
CURRENT APPLICATION NUMBER: US/10/013.927A  
CURRENT FILING DATE: 2001-10-25  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323



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Db 1 MAAPKGSLSWRTQLGLPFLILLTALAGSGCTASABAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKBELYACQRCGLFSLFCQFVDDGIDLNTKLECSACTEAYSQSDEQYACHLGCQNG 120
Db 61 YPKBELYACQRCGLFSLFCQFVDDGIDLNTKLECSACTEAYSQSDEQYACHLGCQNG 120
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPFIQVAPHLEQPTNLRSSLSKMSYLOVRNSQAHNFLEDSGDFLRCLSLNSGW 240
Db 181 QSKPFIQVAPHLEQPTNLRSSLSKMSYLOVRNSQAHNFLEDSGDFLRCLSLNSGW 240
QY 241 IUTTLVLVSMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 IUTTLVLVSMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
```

```
RESULT 527
US-10-145-093A-330
; Sequence 330, Application US/10145093A
; Publication No. US20040005312A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC48
; CURRENT APPLICATION NUMBER: US/10/145,093A
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
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; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 330
; LENGTH: 323
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-093A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;
Best Local Similarity 100.0%; Pred. No. 1.4e-172;
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGSLSWRTQLGLPFLILLTALAGSGCTASABAFDSVLGDTASCHRAQCLTYPLHT 60
Db 1 MAAPKGSLSWRTQLGLPFLILLTALAGSGCTASABAFDSVLGDTASCHRAQCLTYPLHT 60
QY 61 YPKBELYACQRCGLFSLFCQFVDDGIDLNTKLECSACTEAYSQSDEQYACHLGCQNG 120
Db 61 YPKBELYACQRCGLFSLFCQFVDDGIDLNTKLECSACTEAYSQSDEQYACHLGCQNG 120
QY 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
Db 121 LPFAELRQQLMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLAQDDGKIVIF 180
QY 181 QSKPFIQVAPHLEQPTNLRSSLSKMSYLOVRNSQAHNFLEDSGDFLRCLSLNSGW 240
Db 181 QSKPFIQVAPHLEQPTNLRSSLSKMSYLOVRNSQAHNFLEDSGDFLRCLSLNSGW 240
QY 241 IUTTLVLVSMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
Db 241 IUTTLVLVSMVLLWICCATVATAVEQVVPSEKLSIYGDLEFMEQKLNRYPASSLVVVR 300
QY 301 SKTEDHEERAGPLPTKVNLAHSEI 323
Db 301 SKTEDHEERAGPLPTKVNLAHSEI 323
```

```
RESULT 528
US-10-013-919A-330
; Sequence 330, Application US/10013919A
; Publication No. US20040005657A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas P.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
```

APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

FILE REFERENCES: P2630P1C85

CURRENT APPLICATION NUMBER: US/10/013,919A

CURRENT FILING DATE: 2001-10-25

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR FILING DATE: 1997-10-17

PRIOR FILING DATE: 1997-11-03

PRIOR FILING DATE: 1997-11-13

PRIOR FILING DATE: 1997-11-21

PRIOR FILING DATE: 1998-03-10

PRIOR FILING DATE: 1998-03-11

PRIOR FILING DATE: 1998-03-11

PRIOR FILING DATE: 1998-03-11

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 624

SEQ ID NO 330

LENGTH: 323

TYPE: PRT

ORGANISM: Homo sapiens

S-10-013-919A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Y 1 MAAPKGLWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
b 1 MAAPKGLWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
Y 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
b 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
Y 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180  
b 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180  
Y 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLVQWNSQAHNFLEDGSDGFLCLSLNSGW 240  
b 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLVQWNSQAHNFLEDGSDGFLCLSLNSGW 240  
Y 241 ILTTVLVSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
b 241 ILTTVLVSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
Y 301 SKTEDHEAGPLFTKYNLAHSEI 323  
b 301 SKTEDHEAGPLFTKYNLAHSEI 323

RESULT 529  
S-10-013-920A-330  
Sequence 330, Application US/10013920A  
Publication No. US20040006219A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas P.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCES: P2630P1C78  
CURRENT APPLICATION NUMBER: US/10/013,920A  
CURRENT FILING DATE: 2001-10-25  
Remaining Prior Application data removed - See File Wrapper or PALM  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 330  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-013-920A-330

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172;  
Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAAPKGLWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
DB 1 MAAPKGLWVTRTQGLPPLLLTALAGSGTASAEAFDSVLGDTASCHRAQCLTYPLHT 60  
QY 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
DB 61 YPKEEELVACQRCGLFSICQFVDDGIDLNRTKLECSACTEAYSQSDQYACHLGCQNO 120  
QY 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180  
DB 121 LPFAELRQELMSLMPKMHLLPPLTLVRSFWSMDMSAQSFITSSWTFYLOADDQKIVIF 180  
QY 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLVQWNSQAHNFLEDGSDGFLCLSLNSGW 240  
DB 181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLVQWNSQAHNFLEDGSDGFLCLSLNSGW 240  
QY 241 ILTTVLVSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
DB 241 ILTTVLVSVWLLWICCATVATAVEQYVPSEKLSIYGDLEFNMNQKLNRYPASSLVVVR 300  
QY 301 SKTEDHEAGPLFTKYNLAHSEI 323  
DB 301 SKTEDHEAGPLFTKYNLAHSEI 323

RESULT 530  
US-10-128-692A-272  
Sequence 272, Application US/10128692A  
Publication No. US20040009547A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C124  
CURRENT APPLICATION NUMBER: US/10/128,692A  
CURRENT FILING DATE: 2002-10-15  
PRIOR APPLICATION NUMBER: 60/049911  
PRIOR FILING DATE: 1997-06-18  
PRIOR APPLICATION NUMBER: 60/056974  
PRIOR FILING DATE: 1997-08-26  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059115  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059117  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059122  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059184  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/059263  
PRIOR FILING DATE: 1997-09-18  
PRIOR APPLICATION NUMBER: 60/059352  
PRIOR FILING DATE: 1997-09-19  
PRIOR APPLICATION NUMBER: 60/059588  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-128-692A-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0

QY 1 MAAPKGLWVRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWVRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDBOYACHLGCONQ 120  
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDBOYACHLGCONQ 120

QY 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDWDSQSPITSSWTFFYLQADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDWDSQSPITSSWTFFYLQADGKIVIF 180

QY 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOMNSOAHNFLEDGESDGFELCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOMNSOAHNFLEDGESDGFELCLSLNSGW 240

QY 241 ILTFTVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300  
DB 241 ILTFTVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 532  
US-10-147-536-272  
Sequence 272, Application US/10147536  
Publication No. US20040077064A1

QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 531  
US-10-140-927-272  
Sequence 272, Application US/10140927  
Publication No. US20040009548A1  
GENERAL INFORMATION:  
APPLICANT: Baker, Kevin P.  
APPLICANT: Beresini, Maureen  
APPLICANT: DeForge, Laura  
APPLICANT: Desnoyers, Luc  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Gurney, Austin L.  
APPLICANT: Sherwood, Steven  
APPLICANT: Smith, Victoria  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tamas, Daniel  
APPLICANT: Watanabe, Colin K  
APPLICANT: Wood, William  
APPLICANT: Zhang, Zemin  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE REFERENCE: P3330R1C180  
CURRENT APPLICATION NUMBER: US/10/140,927  
CURRENT FILING DATE: 2002-05-07  
Prior Application removed - See File Wrapper or Palm  
NUMBER OF SEQ ID NOS: 550  
SEQ ID NO 272  
LENGTH: 323  
TYPE: PRT  
ORGANISM: Homo Sapien  
US-10-140-927-272

Query Match 100.0%; Score 1694; DB 15; Length 323;  
Best Local Similarity 100.0%; Pred. No. 1.4e-172; Indels 0; Gaps 0;  
Matches 323; Conservative 0; Mismatches 0

QY 1 MAAPKGLWVRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60  
DB 1 MAAPKGLWVRTQLGLPPLILLTALAGSGTASAEAFDSVLGDTASCHRAQOLTYPLHT 60

QY 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDBOYACHLGCONQ 120  
DB 61 YPKBEELYACQRCRLFSICQFVDDGIDLNRTKLECSACTEAYSQSDBOYACHLGCONQ 120

QY 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDWDSQSPITSSWTFFYLQADGKIVIF 180  
DB 121 LPFAELRQQLMSLMPKMHLLPFLTLVRSFWSMDWDSQSPITSSWTFFYLQADGKIVIF 180

QY 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOMNSOAHNFLEDGESDGFELCLSLNSGW 240  
DB 181 QSKPEIQYAPHLQEPTNLRSSLSKMSYLOMNSOAHNFLEDGESDGFELCLSLNSGW 240

QY 241 ILTFTVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300  
DB 241 ILTFTVLVSWVLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEQKLNRYPASSLWVVR 300

QY 301 SKTEDHEEAGPLPTKYNLAHSEI 323  
DB 301 SKTEDHEEAGPLPTKYNLAHSEI 323

RESULT 532  
US-10-147-536-272  
Sequence 272, Application US/10147536  
Publication No. US20040077064A1

## GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Beresini, Maureen

APPLICANT: DeForge, Laura

APPLICANT: Desnoyers, Inc

APPLICANT: Filvaroff, Ellen

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Gurney, Austin L.

APPLICANT: Sherwood, Steven

APPLICANT: Smith, Victoria

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Watanabe, Colin K

APPLICANT: Wood, William

APPLICANT: Zhang, Zemin

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

FILE REFERENCE: P3330R1C349

CURRENT APPLICATION NUMBER: US/10/147,536

Prior Filing Date: 2002-05-17

Prior Application removed - See File Wrapper or Palm

NUMBER OF SEQ ID NOS: 550

SEQ ID NO 272

LENGTH: 323

TYPE: PRT

ORGANISM: Homo Sapien

-10-147-536-272

Query Match

Best Local Similarity 100.0%; Score 1694; DB 16; Length 323;

Matches 323; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKREELIYACQRCGLFSICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQ 120

61 YPKREELIYACQRCGLFSICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQ 120

121 LPFAELRQELMSLMPKHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

121 LPFAELRQELMSLMPKHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSG 240

181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSG 240

241 ILTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEOKLNRYPASSLVVR 300

241 ILTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEOKLNRYPASSLVVR 300

301 SKTDEHEERAGPLPTKVNLAHSEI 323

301 SKTDEHEERAGPLPTKVNLAHSEI 323

301 SKTDEHEERAGPLPTKVNLAHSEI 323

-09-746-783-186

Sequence 186, Application US/09746783

Publication No. US20030044935A1

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Spaulding, Vikki

Agostino, Michael J.

Howes, Steven H.

Search completed: June 15, 2004, 08:22:34

Job time : 427 secs

Fechtel, Kim  
TITLE OF INVENTION: SECRETED PROTEINS AND POLYNUCLEOTIDES

ENCODING THEM

NUMBER OF SEQUENCES: 231

CORRESPONDENCE ADDRESS:

ADDRESSEE: Genetics Institute, Inc.

STREET: 87 CambridgePark Drive

CITY: Cambridge

STATE: MA

COUNTRY: U.S.A.

ZIP: 02140

COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk

COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS

SOFTWARE: Patentin Release #1.0, Version #1.30

CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/746,783

FILING DATE: 21-Dec-2000

CLASSIFICATION: &lt;Unknown&gt;

ATTORNEY/AGENT INFORMATION:

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REGISTRATION NUMBER: 46,931

TELECOMMUNICATION INFORMATION:

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INFORMATION FOR SEQ ID NO: 186:

SEQUENCE CHARACTERISTICS:

LENGTH: 324 amino acids

TYPE: amino acid

STRANDEDNESS: &lt;Unknown&gt;

TOPOLOGY: linear

MOLECULE TYPE: protein

SEQUENCE DESCRIPTION: SEQ ID NO: 186:

US-09-746-783-186

Query Match

Best Local Similarity 98.8%; Score 1674.5; DB 10; Length 324;

Matches 322; Conservative 0; Mismatches 1; Indels 1; Gaps 1;

1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60

1 MAAPKGSLSWVRLTQGLPPLLLTALAGSGTASAFDSVLGDTASCHRACOLTYPLHT 60

61 YPKREELIYACQRCGLFSICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQ 120

61 YPKREELIYACQRCGLFSICQFVDDGIDLNRKLECEACTEAYSQSDQYACHLGCQ 120

121 LPFAELRQELMSLMPKHLPLTLVRSFWSMDMSAQSFITSSWTFYLOADDGKIVIF 180

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181 QSKPEIQYAPHLRQEPNLRSSLSKMSYLQMRNSQAHNFLEDGESDGLRCLSLNSG 240

240 WILTTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEOKLNRYPASSLVVR 299

241 WILTTTLVLVSVMLLWICCATVATAVEQYVPSEKLSIYGDLFPMNEOKLNRYPASSLVVR 300

300 RSKTDEHEERAGPLPTKVNLAHSEI 323

301 RSKTDEHEERAGPLPTKVNLAHSEI 324